

Texas Commission on Environmental Quality

Title V Existing

1903

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	F-UNIT COPOLYMERS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2697 OLD BLOOMINGTON RD N
City	VICTORIA
State	TX
ZIP	77905
County	VICTORIA
Latitude (N) (##.#####)	28.679444
Longitude (W) (-###.#####)	96.95
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110741337
What is the name of the Regulated Entity (RE)?	DOW VICTORIA SITE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2697 OLD BLOOMINGTON RD N BLDG 560
City	VICTORIA
State	TX
ZIP	77905
County	VICTORIA
Latitude (N) (##.#####)	28.688994
Longitude (W) (-###.#####)	-96.941545
Facility NAICS Code	
What is the primary business of this entity?	

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?	

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 (###-###-####)	9792389978
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	txles@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	NICHOLAS MILLER(THE DOW CHEMICA...)
Prefix	THE DOW CHEMICAL COMPANY
First	MR
Middle	NICHOLAS
Last	MILLER
Suffix	
Credentials	
Title	SITE MANUFACTURING DIRECTOR
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 103

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

City

State

Zip

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

Extension

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

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

E-mail

VICTORIA

TX

77902

3615721704

njmiller@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

CRYSTAL SCHMIDT(THE DOW CHEMICA...)

THE DOW CHEMICAL COMPANY

MRS

CRYSTAL

SCHMIDT

AIR PERMIT MANAGER

Domestic

332 HIGHWAY 332 E

LAKE JACKSON

TX

77566

9792381742

cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:

2) Permit Latitude Coordinate:

3) Permit Longitude Coordinate:

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

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

5) Who will electronically sign this Title V application?

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

SOP

28 Deg 40 Min 46 Sec

96 Deg 57 Min 0 Sec

Update

1903-38869

Duly Authorized Representative

No

requirements?

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

2026-06-19_OP-CRO1_O1903.pdf

Hash

2304EB6D45203997D942DCA247B535DD01DE433FADAEAA9AF64E04CCAB50EFC

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 Nicholas Miller, the owner of the STEERS account ER103372.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that

this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1903.
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: Nicholas Miller OWNER OPERATOR

Account Number:	ER103372
Signature IP Address:	136.226.100.123
Signature Date:	2026-06-22
Signature Hash:	EF92B778BAFE771E89245B89ECBC08A44A4E166C06659911881F383D4473E94F
Form Hash Code at time of Signature:	60D02AAEA8456D964884526EF41324DC33A10E20F3C052B5270C5DD23AD69ED2

Submission

Reference Number:	The application reference number is 935038
Submitted by:	The application was submitted by ER103372/Nicholas Miller
Submitted Timestamp:	The application was submitted on 2026-06-22 at 21:53:33 CDT
Submitted From:	The application was submitted from IP address 136.226.100.123
Confirmation Number:	The confirmation number is 778434
Steers Version:	The STEERS version is 6.94
Permit Number:	The permit number is 1903

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: RN110741337
CN: CN600356976
Account No.: VCA011L
Permit No.: O1903
Project No.: 38869
Area Name: F-Unit Copolymers
Company Name: The Dow Chemical Company
II. Certification Type <i>(Please mark appropriate box)</i>
☐ Responsible Official Representative ☒ Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
☐ SOP/TOP Initial Permit Application ☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application ☐ Update to Permit Application
☒ 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>Nicholas Miller</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 <u>April 8, 2026</u> to <u>June 19, 2026</u> <i>(Start Date)</i><i>(End Date)</i>
Specific Dates: _____ <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: _____ Signature Date: <u>June 19, 2026</u>
Title: <u>Site Manufacturing Director</u>

From: Kyle Murray
Sent: Thursday, June 18, 2026 1:59 PM
To: Schmidt, Crystal (C)
Cc: Pena, Shawn (S)
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: WDP - O1903 The Dow Chemical Company (Renewal, 38869).docx

Good afternoon Crystal,

Thank you so much for getting back to me so quickly. I have updated the draft permit as follows and attached a courtesy copy for your reference.

- Added PBR 106.478/09/04/2000 to the NSR Authorizations Table and to Unit ID 05TFX037
- Added ST&C No. 4 pertaining to NSPS requirements
- Updated OP-PBR SUP submittal date in ST&C No. 12

Everything looks good and you may proceed with submitting the OP-CRO1. Thanks again and have a great time on vacation!

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: Thursday, June 18, 2026 12:27 PM
To: Kyle Murray
Cc: Pena, Shawn (S)
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-06-16_NOD_Response_O1903.pdf; Form_OP-REQ2.xlsx

Kyle,

I'm glad we were missing something since we forgot to incorporate a PBR 106.478. All of the necessary files are attached to make that change. If everything looks good after you review one more time, I will get that OP-CRO1 loaded into STEERS. 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 18, 2026

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
F-Unit Copolymers, RN110741337
Title V Operating Permit Notice of Deficiency (NOD) Response
TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) provided on June 18, 2026. Dow is also requesting to add PBR 106.478 to the list of authorizations for this permit with this submittal. Please see the OP-REQ1 (Page 89 only), OP-REQ2, and OP-PBRSUP 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

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Additional Information Request

Item 1	I noticed that the Special Terms and Conditions of the permit do not capture the 40 CFR Part 60 NSPS requirements. Since NSPS IIII applicability was added to the Unit ID 05GEN003, several OP-REQ1 questions will need to be updated – notably Question VI.A.1. Please review Questions VI.A.1 – VI.K.1 and submit updated answers
Item 1 Response	Please see the attached Form OP-REQ1 (Pages 17-25 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.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)		
C.Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings		
1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ Yes ☐ 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>	☐ Yes ☐ No
3.	All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	☐ Yes ☐ No
D.Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings		
1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ Yes ☐ No
2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☐ No
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>	☐ Yes ☐ No
2.	All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	☐ Yes ☐ No
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards		
A.Applicability		
◆ 1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "No," go to Section VII.</i>	☒ Yes ☐ No ☐ Yes ☒ No

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)

◆	4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i>	☐ Yes ☐ No
◆	5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below	

F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i>	☐ Yes ☒ ~~No~~ ☐ ~~Yes~~ ☐ ~~No~~
2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	☐ Yes ☐ No

G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems

1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>	☐ Yes ☒ ~~No~~ ☐ ~~Yes~~ ☐ ~~No~~
2.	The application area includes storm water sewer systems.	☐ Yes ☐ No

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)

3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	☐ Yes ☐ No
4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ 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>	☐ Yes ☐ No
6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
7.	The application area includes completely closed drain systems.	☐ Yes ☐ No

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>	☐ Yes ☒ No ☐ Yes ☐ No
◆ 2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
◆ 3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
◆ 4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "No," go to Section VI.I.</i>	☐ Yes ☒ No ☐ Yes ☐ No

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)

◆ 5.	The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>	☐ Yes ☐ No
◆ 6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐ Yes ☐ No
◆ 7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
◆ 8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐ Yes ☐ No

I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001

◆ 1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <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>	☐ Yes ☒ No ☐ Yes ☐ No
◆ 2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
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Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)		
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	☐ Yes ☐ No
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution		
◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	☐ Yes ☒ No ☐ Yes ☐ 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>	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)		
◆	1. The application area includes equipment in benzene service.	☐ Yes ☐ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
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Date	Permit No.	Regulated Entity No.
June 18, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
3373	07/17/2023				
168518	04/04/2022				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
89	01/08/1980	106.371	09/04/2000	106.511	09/04/2000
99	01/08/1980	106.373	09/04/2000	106.532	03/14/1997
106.261	09/04/2000	106.393	09/04/2000		
106.261	11/01/2003	106.454	11/01/2001		
106.262	09/04/2000	106.472	09/04/2000		
106.262	11/01/2003	106.478	09/04/2000		
106.263	11/01/2001	106.495	09/04/2000		

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

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

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
June 18, 2026	O1903	RN110741337

Unit ID No.	Registration No.	PBR No.	Registration Date
05COM-13 05COM-14	125301	106.261	01/16/2015
05FUG	146013	106.261	05/03/2017
05INC-030VNT	72144	106.261 106.262 106.393	02/28/2003
05OVN-032 05OVN-032A	78699	106.495	05/18/2006
05FLR040	181049	106.261 106.262	08/15/2025
05BIN027 05BIN028	117087	106.261	02/27/2014

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
June 18, 2026	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date
PRO-F UNIT	89	01/08/1980
PRO-F UNIT	99	01/08/1980
05CLT021A	106.371	09/04/2000
PRO-F UNIT MRU-TEMP	106.373	09/04/2000
05DEG208	106.454	11/01/2001
05SEP051A 05TOT024B	106.532	03/14/1997
05LTC051 05LTC052 05LTC053 05TLC200 05LTR038A 05LTR039A	05LTR44 05SEP053 05TFX039 05TFX214 05TFX216 106.472	09/04/2000
PRO-F UNIT	106.263	11/01/2001
05GEN003	106.511	09/04/2000
05CLT021B	106.371	09/04/2000

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

Date	Permit Number	Regulated Entity Number
June 18, 2026	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date
<i>05TFX037</i>	<i>106.478</i>	<i>09/04/2000</i>

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

Date	Permit Number	Regulated Entity Number
June 18, 2026	O1903	RN110741337

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
June 18, 2026	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05COM-13 05COM-14	106.261	125301	Natural gas usage for compressors is monitored
05FUG	106.261	146013	Monitoring is performed for fugitive emission components
05INC-030VNT	106.261 106.262 106.393	72144	Throughput for equipment is tracked
05OVN-032 05OVN-032A	106.495	78699	Hours of operation for screenpack burners is tracked
05FLR040	106.261 106.262	181049	Supplemental fuel usage is tracked
05BIN027 05BIN028	106.261	117087	Throughput for equipment is tracked
PRO-F UNIT	89	01/08/1980	Maintain operating hours and paint usage to ensure emissions are less than 4 lb/hr and 300 lb/week
PRO-F UNIT	99	01/08/1980	Maintain records to demonstrate the vessel maintains working pressure at all times
05CLT021A	106.371	09/04/2000	Hours of operation and circulating rates are monitored and tracked
PRO-F UNIT MRU-TEMP	106.373	09/04/2000	Records are maintained for refrigerants
05DEG208	106.454	11/01/2001	Hours of operation for equipment is tracked

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
June 18, 2026	O1903	RN110741337

Unit ID No.		PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05SEP051A 05TOT024B		106.532	03/14/1997	Throughput for equipment is tracked
05LTC051 05LTC052 05LTC053 05TLC200 05LTR038A 05LTR039A	05LTR44 05SEP053 05TFX039 05TFX214 05TFX216	106.472	09/04/2000	Unloading activities are tracked
PRO-F UNIT		106.263	11/01/2001	Emissions associated with maintenance activities are tracked
05GEN003		106.511	09/04/2000	Hours of operation are tracked
05CLT021B		106.371	09/04/2000	The cooling water supply rate to the tower is monitored
05TFX037		106.478	09/04/2000	Maintain records of tank service and annual throughput.

Negative Applicable/Superseded Requirement Determinations
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General Information

Requested Information	Response
Date:	06/18/2026
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	Existing Application Update
Project Number (if available):	38869
Form Information	TCEQ Entry Only
Title V Form Release Date:	07/2025
Form Number:	10017
APD ID Number:	156v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Individual Unit Summary
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Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05BIN026		WAX RECYCLE TANK			NSR Permit	3373		
		05CLT021A		REFRIGERATION UNIT COOLING TOWER			PBR		106.371	09/04/2000
		05COM-013	GRP05COM1	RECYCLE COMPRESSOR			NSR Permit	3373		
	5	05COM-013	GRP05COM1	RECYCLE COMPRESSOR			PBR	125301	106.261	11/01/2003
		05COM-014	GRP05COM1	RECYCLE COMPRESSOR			NSR Permit	3373		
	5	05COM-014	GRP05COM1	RECYCLE COMPRESSOR			PBR	125301	106.261	11/01/2003
		05DMP034A		LUBE OIL DUMPSTER			NSR Permit	3373		
		05LTR038A		SONOLUBE OIL TANK UNLOADING			NSR Permit	3373		
	9	05LTR038A		SONOLUBE OIL TANK UNLOADING			PBR		106.472	09/04/2000
		05LTR215A		BOSS OIL LOADING			NSR Permit	3373		
		05LTR44		HOPPER TRUCK LOADING			PBR		106.472	09/04/2000
		05OP1		INITIATOR MIX TANK 1			NSR Permit	3373		
		05OP10		CIRCULATING WATER TANK			NSR Permit	3373		
		05OP11		SEAL OIL HOT WATER TRACING TANK			NSR Permit	3373		
		05OP12		GLYCERINE DAY TANK			NSR Permit	3373		
		05OP13		SEAL OIL RESERVOIR			NSR Permit	3373		
		05OP14		N BHT TANK			NSR Permit	3373		
		05OP15		C BHT TANK			NSR Permit	3373		
		05OP16		S BHT TANK			NSR Permit	3373		

General Business

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Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05OP17		BHT MIX TANK 1			NSR Permit	3373		
		05OP18		BHT MIX TANK 2			NSR Permit	3373		
		05OP19		BHT MIX TANK 3			NSR Permit	3373		
		05OP2		INITIATOR MIX TANK 2			NSR Permit	3373		
		05OP20		INITIATOR MIX TANK 5			NSR Permit	3373		
		05OP21		INITIATOR MIX TANK 6			NSR Permit	3373		
		05OP22		CT 709			NSR Permit	3373		
		05OP23		CL 1490			NSR Permit	3373		
		05OP25		B552 REFRIGERATION WATER TANK			NSR Permit	3373		
		05OP26		SEAL OIL TANK			NSR Permit	3373		
		05OP27		STARTING AIR TANK			NSR Permit	3373		
		05OP28		SOAP TANK 1			NSR Permit	3373		
		05OP29		SOAP TANK 2			NSR Permit	3373		
		05OP3		INITIATOR MIX TANK 3			NSR Permit	3373		
		05OP30		SOAP TANK 3			NSR Permit	3373		
		05OP32		PROPYLENE TANK			NSR Permit	3373		
		05OP4		INITIATOR MIX TANK 4			NSR Permit	3373		
		05OP5		EMERGENCY NITROGEN TANK			NSR Permit	3373		
		05OP6		PLURONICS MIX TANK			NSR Permit	3373		
		05OP7		CONVEYING WATER TANK			NSR Permit	3373		
		05OP8		REFRIGERATION WATER TANK			NSR Permit	3373		
		05OP9		CRITICAL CHILL WATER TANK			NSR Permit	3373		

General Business

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Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05SEP051		CPI OIL SEPARATOR			NSR Permit	3373		
		05SEP053		INITIATOR TREATMENT TANK			NSR Permit	3373		
	9	05SEP053		INITIATOR TREATMENT TANK			PBR		106.472	09/04/2000
		05SMP033		VA SUMP			NSR Permit	3373		
		05SMP034		USED OIL SUMP			NSR Permit	3373		
		05TFX024	GRP05TK001	WASTEWATER TANK			NSR Permit	3373		
		05TFX037	GRP05TK001	MINERAL SPIRITS TANK C-145			NSR Permit	3373		
		05TFX037	GRP05TK001	MINERAL SPIRITS TANK C-145			PBR		106.478	09/04/2000
		05TFX038	GRP05TK001	SONOLUBE OIL TANK			NSR Permit	3373		
		05TFX039		A4V4 LUBE OIL TANK			NSR Permit	3373		
	9	05TFX039		A4V4 LUBE OIL TANK			PBR		106.472	09/04/2000
		05TFX041		MAA STORAGE TANK			NSR Permit	3373		
		05TFX042		IBA/AA TANK			NSR Permit	3373		
		05TFX042		IBA/AA TANK			PBR		106.261	11/01/2003
		05TFX045		WASTE COMONOMER TANK			NSR Permit	3373		
		05TFX047		INHIBITOR TANK			NSR Permit	3373		
		05TFX049A		CAUSTIC HOLDUP TANK			NSR Permit	3373		
		05TFX052	GRP05TK02A	GLYCERINE TANK			NSR Permit	3373		
		05TFX210		STORM WATER TANK 1			NSR Permit	3373		
		05TFX211		STORM WATER TANK 2			NSR Permit	3373		
		05TFX214	GRP05TK001	OMS C-200 TANK			NSR Permit	3373		
		05TFX214	GRP05TK001	OMS C-200 TANK			PBR		106.472	09/04/2000
		05TFX215		BOSS OIL TANK	General Business		NSR Permit	3373		

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Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05BIN026	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05BIN026	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05CLT021A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Cooling tower does not handle an organic liquid containing a HAP
		05CLT021A	40 CFR Part 63, Subpart Q	63.400(a)	Not applicable since not in chromium service on or after 9/8/1994
		05DMP034A	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05DMP034A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05LTR038A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined
		05LTR215A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Loading unit does not contain a HAP
		05LTR44	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Truck loading unit loads solid pellets
		05LTR44	40 CFR Part 63, Subpart FFFF	63.2550(i)	Truck loading unit does not contain a HAP
		05OP1	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP1	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP10	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP10	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP11	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP11	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP12	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP12	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP13	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons

Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP13	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP14	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP14	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP15	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP15	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP16	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP16	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP17	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP17	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP18	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP18	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP19	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP19	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP2	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP20	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP20	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP20	40 CFR Part 63, Subpart FFFF	63.2550(i) General Business	Storage tank does not contain a HAP

Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP21	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP21	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP21	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP
		05OP22	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP22	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP23	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP23	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP25	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP25	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP26	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP26	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP27	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP27	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP28	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP28	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP29	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP29	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP3	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP30	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP30	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL

General Business

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP32	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP32	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP
		05OP4	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP4	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP5	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP5	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP6	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP6	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP7	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP7	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP8	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP8	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP9	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP9	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05SEP051	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05SEP051	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05SEP053	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05SMP033	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05SMP033	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05SMP034	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05SMP034	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFX039	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFX039	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX041	40 CFR Part 60, Subpart Kb	60.110b(b)	Storage vessel has a capacity greater than or equal to 19,800 gallons but less than 40,000 gallons storing a liquid with a maximum true vapor pressure less than 15.0 kPa
		05TFX041	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX042	40 CFR Part 60, Subpart Kb	60.110b(b)	Storage vessel has a capacity greater than or equal to 19,800 gallons but less than 40,000 gallons storing a liquid with a maximum true vapor pressure less than 15.0 kPa
		05TFX045	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX045	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX047	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX047	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX049A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX210	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05TFX210	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05TFX211	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05TFX211	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05TFX215	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX215	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX216	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX216	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05TOT024B	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TOT024B	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		GRP05COM1	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since equipment is not in HAP service
		GRP05TK001	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		GRP05TK001	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		GRP05TK02A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		GRP05TK02A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service

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

Sent: Thursday, June 18, 2026 11:00 AM

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

Subject: RE: WDP -- FOP 01903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good morning Crystal,

My apologies for the oversight, but I was doing one final review before preparing the application for the PNAP stage. I noticed that the Special Terms and Conditions of the permit do not capture the 40 CFR Part 60 NSPS requirements. Since NSPS IIII applicability was added to the Unit ID 05GEN003, several OP-REQ1 questions will need to be updated – notably Question VI.A.1. Please review Questions VI.A.1 – VI.K.1 and submit updated answers. If you can complete this before you leave for vacation that would be great, but I understand if you cannot. Please have the form submitted by **Monday, July 6th**.

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

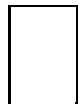
MC 163, P.O. Box 13087

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: Kyle Murray

Sent: Wednesday, June 17, 2026 11:39 AM

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

Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Perfect. Thank you for your quick response. I will just need you to certify all application updates by submitting Form OP-CRO1 through STEERS. I am not sure if the previous permit reviewer (Thishan) requested any updates from you during his portion of the review process. If he did, could you please forward me those emails (including the introductory email) so I can add them to our public record file? From my records, it looks like you should use the time period option ranging from April 8, 2026, to June 17, 2026, but please update this range as needed. If someone else can complete this request while you are out, that would be great. If not please have the form submitted by **Monday, July 6th**.

Thank you and have a great vacation!

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: Wednesday, June 17, 2026 11:23 AM
To: Kyle Murray
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-06-17_WDP_Response_O1903.pdf

Kyle,

We have no further comments. Let me know if you need anything else. 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



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June 17, 2026

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
F-Unit Copolymers, RN110741337
Title V Operating Permit Working Draft Permit Response
TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing comments on the Working Draft Permit (WDP) provided on June 16, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Working Draft Permit Comments

Dow has no further comments on this Working Draft Permit at this time.

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

Sent: Tuesday, June 16, 2026 2:25 PM

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

Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good afternoon Crystal,

No worries at all. I went ahead and added that new cooling tower and its requirements to the WDP and attached a revised copy. If you could take a look at the WDP and provide your approval by **Friday, June 18th (or at least before you head out on vacation)** that would be amazing.

It looks like this unit was already added to the most recent version of the OP-PBRSUP so that is good. No further updates needed from me. 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 16, 2026 1:03 PM
To: Kyle Murray
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-06-16_WDP_Response_O1903.pdf;
OP_UA13_Cooling_Towers_WDP3_Response_June_2026.xlsx

Kyle,

My apologies for the delay. Please see our attached response and let me know if you have any questions. Thanks!

Please note that I will be on vacation from 06/22/2026 through 07/01/2026. I will not be available during this time. I will be back in the office on 07/02/2026.

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



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June 16, 2026

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
F-Unit Copolymers, RN110741337
Title V Operating Permit Working Draft Permit Response
TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing comments on the Working Draft Permit (WDP) provided on June 9, 2026. Dow is requesting to add a cooling tower to this permit in this submittal. Please see Form OP-2 for more information.

Please do not hesitate to contact me at (979) 238-1742 or cschmidt6@dow.com 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

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Working Draft Permit Comments

Dow has no further comments on this Working Draft Permit at this time.

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

Date: June 16, 2026
Permit No.: O1903
Regulated Entity No.: RN110741337
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	YES	05CLT021B	OP-SUMR OP-UA13 OP-REQ2	N/A	Please add this new cooling tower to the Title V Permit. Please add 40 CFR Part 63, Subpart FFFF (MON) positive applicability to this unit. Please add 40 CFR Part 63, Subpart Q negative applicability to this unit.

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

Date: June 16, 2026	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	05CLT021B	OP-UA13	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2490(a)-Table10, 63.104(a), [G](d), 63.104(e), (e)(1), [G](e)(2), 63.2490(a)-(c)

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

Date: June 16, 2026	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	05CLT021B	63FFFF-01	HAPS	[G]63.104(c)	[G]63.104(c), [G](e)(2), [G](f)(1)	[G]63.104(f)(2)

**Cooling Tower Attributes
Form OP-UA13
Federal Operating Permit Program
Texas Commission on Environmental Quality**

General Information

Requested Information	Response
Date:	06/16/2026
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-Unit Copolymers
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	Existing Application Update
Project Number (if available):	38869
Form Information	TCEQ Entry Only
Title V Form Release Date:	11/2021
Form Number:	10029
APD ID Number:	48v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table of Contents

Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	Yes
Table 1	40 CFR Part 63, Subpart Q: National Emission Standards for Hazardous Air Pollutants (HAPs) for Industrial Process Cooling Towers	Page 1	
Table 2	40 CFR Part 61, Subpart L: National Emission Standards for Benzene Emissions from Coke By-Product Recovery Plants	Page 2	
Table 3a	30 TAC Chapter 115, Subchapter H, Division 2: Cooling Tower Heat Exchange Systems	Page 3	
Table 3b	30 TAC Chapter 115, Subchapter H, Division 2: Cooling Tower Heat Exchange Systems	Page 4	
Table 4	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 5	
Table 5	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 6	
Table 6	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 7	Yes

Texas Commission on Environmental Quality

Table 1

[illegible]

**Cooling Tower Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	1	05CLT021B	40 CFR Part 63, Subpart Q	63.400(a)	Not applicable since not in chromium service on or after 9/8/1994

**Cooling Tower Attributes
Form OP-UA13
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP Index No.	Monitoring
05CLT021B	63FFFF-01	YES

[Go to the Table of Contents](#)

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

Sent: Tuesday, June 16, 2026 8:20 AM

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

Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good morning Crystal,

Just wanted to check in on the status of your review.

Thanks,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

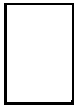
MC 163, P.O. Box 13087

Austin, TX 78711-3087

kyle.murray@tceq.texas.gov

Phone: (512) 239-1279

Fax: (512) 239-1400



From: Kyle Murray
Sent: Tuesday, June 9, 2026 10:22 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good morning Crystal,

I have reviewed and incorporated your comments into the attached revised WDP. Please review and provide me with any additional comments you may have or indicate your approval by **Monday, June 15th**. The following is a list of updates.

- Updated Area Name to “F-Unit Copolymers” on cover page.
- Updated Term 11 to include most recent OP-PBRSUP submittal date.
- Added MACT ZZZZ applicability to Group ID GRP05COM2 (updated unit attributes).
- Removed §115.214(b)(1)(C) from Unit ID 05LRC031A - Emission Limitation, Standard or Equipment Specification Citation column.

Let me know if you have any questions or if you would require additional time. Thank you!

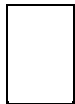
Sincerely,

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



From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, May 22, 2026 4:05 PM
To: Kyle Murray
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: Form_OP-UA2.xlsx

Here is the updated Form OP-UA2 I forgot to attach to the last email.

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



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Stationary Reciprocating Internal Combustions Engine Attributes
Form OP-UA2
Federal Operating Permit Program
Texas Commission on Environmental Quality

General Information

Requested Information	Response
Date:	05/22/2026
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	Existing Application Update
Project Number (if available):	38869
Form Information	TCEQ Entry Only
Title V Form Release Date:	02/2025
Form Number:	10003
APD ID Number:	27v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Stationary Reciprocating Internal Combustions Engine Attributes
Form OP-UA2
Federal Operating Permit Program
Texas Commission on Environmental Quality

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Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-SUM Table 2	
N/A	N/A	OP-REQ2	Yes
Table 1a	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	Page 1	
Table 1b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	Page 2	
Table 1c	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	Page 3	
Table 2a	40 CFR Part 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Page 4	Yes
Table 2b	40 CFR Part 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Page 5	
Table 2c	40 CFR Part 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Page 6	
Table 3	30 TAC Chapter 117, Subchapter E: Multi-Region Combustion Control	Page 7	
Table 4a	40 CFR Part 60, Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Page 8	
Table 4b	40 CFR Part 60, Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Page 9	
Table 5a	40 CFR Part 60, Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Page 10	Yes
Table 5b	40 CFR Part 60, Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Page 11	Yes
Table 5c	40 CFR Part 60, Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Page 12	Yes

**Stationary Reciprocating Internal Combustions Engine Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05GEN003		EMERGENCY GENERATOR			PBR		106.511	09/04/2000
		05COM-015	GRP05COM2	NO. 1 PURGE COMPRESSOR			NSR Permit	3373		
		05COM-016	GRP05COM2	NO. 2 PURGE COMPRESSOR			NSR Permit	3373		
		05COM-017	GRP05COM2	PURGE COMPRESSOR			NSR Permit	3373		

**Stationary Reciprocating Internal Combustions Engine Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP05COM2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since equipment not in HAP service

Stationary Reciprocating Internal Combustions Engine Attributes
Form OP-UA2
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Texas Commission on Environmental Quality

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
05GEN003	63ZZZZ-01	MAJOR	300-500	06+		EMER-A	
GRP05COM2	63ZZZZ-01	MAJOR	300-500	02-		NORMAL	2SLB

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

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
05GEN003	60IIII-01	2005+	NONE	EMERG	CON	0406+

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Stationary Reciprocating Internal Combustions Engine Attributes
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Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
05GEN003	60IIII-01	DIESEL		10-CS		2014	

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Stationary Reciprocating Internal Combustions Engine Attributes
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Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
05GEN003	60IIII-01	E130-368		NO	YES	MANU YES		

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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, May 22, 2026 2:20 PM
To: Kyle Murray
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-05-12_NOD_WDP_Response_O1903.pdf

Kyle,

Please see our attached response. I included an updated OP-PBRSUP in this document. We added a 106.371 recently.

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

Crystal Schmidt

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





May 12, 2026

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

F-Unit Copolymers, RN110741337

Title V Operating Permit Notice of Deficiency and Working Draft Permit Response

TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing comments on the Working Draft Permit (WDP) provided on May 12, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Working Draft Permit Comments

Permit Face

1. Please update the Area Name from “F-unit Copolymers” to “F-Unit Copolymers”.

Unit Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025. An updated Form OP-UA2 is being submitted with this response to correct the Brake HP.

Applicable Requirement Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025. An updated Form OP-UA2 is being submitted with this response to correct the Brake HP.
2. 05LRC031A: Please remove 115.214(b)(1)(C) from the Emission Limitation, Standard or Equipment Specification Citation column. This citation does not appear in the flowchart, and it refers to unloading gasoline.

New Source Review Authorization References by Emissions Unit

1. 05COM-013; 05CCOM-014: Please add Registration Number 125301 back to PBR 106.261 for the listed units.

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

Date	Permit Number	Regulated Entity Number
May 12, 2026	O1903	RN110741337

Unit ID No.	Registration No.	PBR No.	Registration Date
05COM-13 05COM-14	125301	106.261	01/16/2015
05FUG	146013	106.261	05/03/2017
05INC-030VNT	72144	106.261 106.262 106.393	02/28/2003
05OVN-032 05OVN-032A	78699	106.495	05/18/2006
05FLR040	181049	106.261 106.262	08/15/2025
05BIN027 05BIN028	117087	106.261	02/27/2014

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

Date	Permit Number	Regulated Entity Number
May 12, 2026	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date
PRO-F UNIT	89	01/08/1980
PRO-F UNIT	99	01/08/1980
05CLT021A	106.371	09/04/2000
PRO-F UNIT MRU-TEMP	106.373	09/04/2000
05DEG208	106.454	11/01/2001
05SEP051A 05TOT024B	106.532	03/14/1997
05LTC051 05LTC052 05LTC053 05TLC200 05LTR038A 05LTR039A	05LTR44 05SEP053 05TFX039 05TFX214 05TFX216 106.472	09/04/2000
PRO-F UNIT	106.263	11/01/2001
05GEN003	106.511	09/04/2000
05CLT021B	106.371	09/04/2000

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

Date	Permit Number	Regulated Entity Number
May 12, 2026	O1903	RN110741337

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

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

Date	Permit Number	Regulated Entity Number
May 12, 2026	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05COM-13 05COM-14	106.261	125301	Natural gas usage for compressors is monitored
05FUG	106.261	146013	Monitoring is performed for fugitive emission components
05INC-030VNT	106.261 106.262 106.393	72144	Throughput for equipment is tracked
05OVN-032 05OVN-032A	106.495	78699	Hours of operation for screenpack burners is tracked
05FLR040	106.261 106.262	181049	Supplemental fuel usage is tracked
05BIN027 05BIN028	106.261	117087	Throughput for equipment is tracked
PRO-F UNIT	89	01/08/1980	Maintain operating hours and paint usage to ensure emissions are less than 4 lb/hr and 300 lb/week
PRO-F UNIT	99	01/08/1980	Maintain records to demonstrate the vessel maintains working pressure at all times
05CLT021A	106.371	09/04/2000	Hours of operation and circulating rates are monitored and tracked
PRO-F UNIT MRU-TEMP	106.373	09/04/2000	Records are maintained for refrigerants
05DEG208	106.454	11/01/2001	Hours of operation for equipment is tracked

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

Date	Permit Number	Regulated Entity Number
May 12, 2026	O1903	RN110741337

Unit ID No.		PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05SEP051A 05TOT024B		106.532	03/14/1997	Throughput for equipment is tracked
05LTC051 05LTC052 05LTC053 05TLC200 05LTR038A 05LTR039A	05LTR44 05SEP053 05TFX039 05TFX214 05TFX216	106.472	09/04/2000	Unloading activities are tracked
PRO-F UNIT		106.263	11/01/2001	Emissions associated with maintenance activities are tracked
05GEN003		106.511	09/04/2000	Hours of operation are tracked
05CLT021B		106.371	09/04/2000	The cooling water supply rate to the tower is monitored

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

Sent: Tuesday, May 12, 2026 10:27 AM

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

Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good morning Crystal,

I have reviewed all updates and attached the revised WDP for your review. Please provide me with any additional comments you may have by **Friday, May 22nd** (it would be extremely helpful to us if you could provide comments by this Friday as this project is behind schedule due to the reassignment, but no worries if that is not possible). We are aiming to issue the PNAP sometime next week. Below is a list of updates to the WDP.

1. Updated preconstruction authorizations for Unit IDs mentioned in NOD response.
2. Updated unit attributes and re-added periodic monitoring for Unit ID 05RSY207 and Group IDs GRP05VT009 and GRP05CS010.
3. For Unit ID 05GEN003, I see that applicability for NSPS IIII was included in the initial WDP. I have verified that it is in the revised WDP.
4. For Group ID GRP05COM2, according to the current attributes listed for MACT ZZZZ, this group meets the exemption criteria of § 63.6590(b)(3). That is why requirements are not populating in the WDP. Since the previous renewal, it looks like Brake HP was updated to "500+" from "300-500". Please provide me with an update OP-UA2 if this needs to be changed.

Let me know if you have any questions. 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: Friday, May 8, 2026 10:44 AM
To: Kyle Murray
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: Form_OP-REQ2.xlsx; Form_OP-UA4.xlsx; Form_OP-UA15.xlsx

Eventually I will get myself together today. Here are all of the UA forms that I didn't send you last week.

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**™

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

General Information

Requested Information	Response
Date:	05/01/2026
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	Existing Application Update
Project Number (if available):	38869
Form Information	TCEQ Entry Only
Title V Form Release Date:	11/2022
Form Number:	10046
APD ID Number:	50v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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N/A	N/A	OP-SUM Table 2	
N/A	N/A	OP-REQ2	Yes
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Table 1b	30 TAC Chapter 111, Subchapter A: Visible Emissions	Page 2	
Table 2a	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 3	Yes
Table 2b	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 4	Yes
Table 2c	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 5	
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Table 5a	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 11	
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Table 10a	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	Page 23	
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Emission Point ID No.	Group ID No.	Emission Point Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05BIN025	GRP05VT003N	WEST PELLET BIN			NSR Permit	3373		
		05BLN001	GRP05VT003N	BLENDER VENT 1			NSR Permit	3373		
		05BLN002	GRP05VT003N	BLENDER VENT 2			NSR Permit	3373		
		05BLN003	GRP05VT003N	BLENDER VENT 3			NSR Permit	3373		
		05BLN004	GRP05VT003N	BLENDER VENT 4			NSR Permit	3373		
		05BLN005	GRP05VT003N	BLENDER VENT 5			NSR Permit	3373		
		05BLN006	GRP05VT003N	BLENDER VENT 6			NSR Permit	3373		
		05BLN007	GRP05VT003N	BLENDER VENT 7			NSR Permit	3373		
		05BLN008		BLENDER VENT 8			NSR Permit	3373		
		05BLN009		BLENDER VENT 9			NSR Permit	3373		
		05COM-013VNT	GRP05COM-VNT	RECYCLE COMPRESSOR ENGINE 550-HP			NSR Permit	3373		
		05COM-014VNT	GRP05COM-VNT	RECYCLE COMPRESSOR ENGINE 550-HP			NSR Permit	3373		
		05COM-015VNT	GRP05COM-VNT	NO. 1 PURGE COMPRESSOR ENGINE 330-HP			NSR Permit	3373		
		05COM-016VNT	GRP05COM-VNT	NO. 2 PURGE COMPRESSOR ENGINE 330-HP			NSR Permit	3373		
		05COM-017VNT	GRP05COM-VNT	PURGE COMPRESSOR VENT			NSR Permit	3373		
		05CSY101	GRP05CS010	COMPRESSOR SYSTEM PACKING STACK VENT			NSR Permit	3373		
		05DMP033A	GPR05VT003N	VA DUMPSTER			NSR Permit	3373		
		05DRY028	GPR05VT003N	PELLET DRYERS			NSR Permit	3373		
		05DRY213	GRP05VT009	ETHYLENE DRYER			NSR Permit	3373		

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Emission Point ID No.	Group ID No.	Emission Point Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05EXT011	GPR05VT003N	EXTRUDER 1			NSR Permit	3373		
		05EXT011A	GPR05VT003N	EXTRUDER 1 VENT SCREW			NSR Permit	3373		
		05EXT012	GPR05VT003N	EXTRUDER 2			NSR Permit	3373		
		05EXT012A	GPR05VT003N	EXTRUDER 2 VENT SCREW			NSR Permit	3373		
		05FLR110		TELOGEN PURGE			NSR Permit	3373		
		05FLT050	GRP05VT009	C2 FILTER DEPRESSURES			NSR Permit	3373		
		05FLT051		VINYL ACETATE RECOVERY FILTER			NSR Permit	3373		
		05HSY100	GRP05CS010	HYPER STEAM VENT			NSR Permit	3373		
		05INC-030VNT		THERMAL ABATER VENT			NSR Permit	3373		
		05INC-030VNT		THERMAL ABATER VENT			PBR	72144	106.261	11/01/2003
		05INC-030VNT		THERMAL ABATER VENT			PBR	72144	106.262	11/01/2003
		05INC-030VNT		THERMAL ABATER VENT			PBR	72144	106.393	09/04/2000
		05OVN-032		EAST BERRINGER OVENT			NSR Permit	3373		
	10	05OVN-032		EAST BERRINGER OVENT			PBR	78699	106.495	09/04/2000
		05OVN-032A		WEST BERRINGER OVEN			NSR Permit	3373		
	10	05OVN-032A		WEST BERRINGER OVEN			PBR	78699	106.495	09/04/2000
		05RSY207		REACTOR SYSTEM			NSR Permit	3373		
		05SEP044	GRP05VT009	VA SUCTION POT			NSR Permit	3373		

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Emission Point ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05RSY207	40 CFR Part 60, Subpart RRR	60.700(a)	Exempt since unit is not a listed SOCMI manufacturing process and does not process a listed chemical

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
05INC-030VNT	R1111-01	NO		OTHER	NONE	72-	100-
GRP05COM-VNT	R1111-01	NO		OTHER	NONE	72-	100-

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Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Vent Gas Control

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24- Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
05FLR110	R5121-01	NO	NO	SPECVOC				
05FLT051	R5121-01	NO	NO	CLASVOC			30K+	
05FLT051	R5121-02	NO	NO	CLASVOC			30K+	
05OVN-032	R5121-01	NO	NO	SPECVOC		100-		YES
05OVN-032A	R5121-01	NO	NO	SPECVOC		100-		YES
05RSY207	R5121-01	NO	NO	LDPE				
GRP05CS010	R5121-01	NO	NO	LDPE				
GPR05VT003N	R5121-01	NO	NO	LDPE				
GRP05VT009	R5121-01	NO	NO	LDPE				

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Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Vent Gas Control

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
05FLR110	R5121-01	NONE		FLARE	05FLR040
05FLT051	R5121-02	NONE		FLARE	05FLR040
05FLT051	R5121-01	NONE		DIRFLM	05INC030
05RSY207	R5121-01	NONE		FLARE	05FLR040
GRP05CS010	R5121-01	NONE		FLARE	05FLR040
GPR05VT003N	R5121-01	NONE		DIRFLM	05INC030
GRP05VT009	R5121-01	NONE		FLARE	05FLR040

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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

Emission Point ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
05BLN008	63FFFF-01	CD98					
05BLN009	63FFFF-01	CD98					
05FLR110	63FFFF-01	BLWFLR					
05FLT051	63FFFF-01	CD98					
05RSY207	63FFFF-01	BLWFLR					
GRP05CS010	63FFFF-01	BLWFLR					
GPR05VT003N	63FFFF-01	CD98					
GRP05VT009	63FFFF-01	BLWFLR					

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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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

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
05FLR110	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE
05RSY207	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE
GRP05CS010	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE
GRP05VT009	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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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

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
05BLN008	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030
05BLN009	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030
05FLT051	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030
GPR05VT003N	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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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

Emission Point ID No.	SOP Index No.	Meets 63.988(b)(2)	Water	Designated HAL	Determined HAL
05BLN008	63FFFF-01	NO		NO	NO
05BLN009	63FFFF-01	NO		NO	NO
05FLT051	63FFFF-01	NO		NO	NO
GPR05VT003N	63FFFF-01	NO		NO	NO

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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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

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
05BLN008	63FFFF-01	NONE		NO	NO		NO	NO	NONE
05BLN009	63FFFF-01	NONE		NO	NO		NO	NO	NONE
05FLT051	63FFFF-01	NONE		NO	NO		NO	NO	NONE
GPR05VT003N	63FFFF-01	NONE		NO	NO		NO	NO	NONE

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Table 1b	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	Page 2	Yes
Table 2	40 CFR Part 60, Subpart XX: Standards of Performance for Bulk Gasoline Terminals	Page 3	
Table 3	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities	Page 4	
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Table 9a	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 16	Yes
Table 9b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 17	Yes
Table 9c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 18	Yes
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**Loading/Unloading Operations Attributes
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**Form OP-SUM - Individual Unit Summary
Table 1**

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
	3	05LRC031A		VA RAIL UNLOADING			NSR Permit	3373		
		05LRC031B		RECVAM RAIL LOADING			NSR Permit	3373		
	3	05LRC041C		ACID RAIL UNLOADING			NSR Permit	3373		
		05LTC051		CPI WASTE OIL VACUUM TRUCK LOADING			PBR		106.472	09/04/2000
		05LTC052		GLYCERINE UNLOADING			PBR		106.472	09/04/2000
		05LTC053		INHIBITOR UNLOADING			PBR		106.472	09/04/2000
		05LTC200		OMS C-200 UNLOADING			PBR		106.472	09/04/2000
		05LTR019		PROPANE UNLOADING			NSR Permit	3373		
		05LTR020		PROPYLENE UNLOADING			NSR Permit	3373		
		05LTR022A		IBA/NBA UNLOADING			NSR Permit	3373		
	3	05LTR036		VINYL ACETATE TRUCK UNLOADING			NSR Permit	3373		
		05LTR037A		MINERAL SPIRITS TANK C-145 UNLOADING			NSR Permit	3373		
		05LTR039A		A4V4 LUBE OIL TANK UNLOADING			NSR Permit	3373		
	9	05LTR039A		A4V4 LUBE OIL TANK UNLOADING			PBR		106.472	09/04/2000

**Loading/Unloading Operations Attributes
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Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05LTR043B		WASTE ACID TRUCK LOADING			NSR Permit	3373		
	3	05TRC041D		ACID TRUCK UNLOADING			NSR Permit	3373		

**Loading/Unloading Operations Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05LRC031A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LRC041C	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTC051	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC051	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC052	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC052	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC053	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC053	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC200	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC200	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTR019	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR020	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR022A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR036	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR037A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)

General Business

**Loading/Unloading Operations Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05LTR039A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05TRC041D	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)

**Loading/Unloading Operations Attributes
Form OP-UA4
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**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds**

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
05LRC031A	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	NCE2	CON
05LRC031B	R5211-01	OTHER	NONE		VOC2	BOTH	1.5+	NCE2	CON
05LRC041C	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTC051	R5211-01	OTHER	NONE		VOC2	LOAD	1.5-		
05LTC052	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTC053	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTC200	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTR019	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	20K-	
05LTR020	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	20K-	
05LTR022A	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTR036	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	NCE2	PLS
05LTR037A	R5211-01	OTHER	NONE		VOC2	BOTH	1.5-		
05LTR039A	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTR043B	R5211-01	OTHER	NONE		VOC2	LOAD	1.5-		
05TRC041D	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		

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**Loading/Unloading Operations Attributes
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**Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds**

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
05LRC031A	R5211-01	DIRFLM	05INC030	YES				
05LRC031B	R5211-01	DIRFLM	05INC030	YES				
05LTR036	R5211-01	NONE		YES				

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**Loading/Unloading Operations Attributes
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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

Unit ID No.	SOP Index No.	Emission Standard	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
05LRC031B	63FFFF-01	CD98	NO	NO	NO	NO	NO	NONE

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**Loading/Unloading Operations Attributes
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Table 9b: 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

Unit ID No.	SOP Index No.	Small Device	1257A1	1257A1 Device Type	Alt 63SS Mon Parameters	CEMS	SS Device Type
05LRC031B	63FFFF-01	NO			NO	YES	INCIN

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**Loading/Unloading Operations Attributes
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Table 9c: 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

Unit ID No.	SOP Index No.	Meets 63.988(b)(2)	44 Primary	Water	HAL Device Type	Formaldehyde
05LRC031B	63FFFF-01	NO			NONE	NO

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**Loading/Unloading Operations Attributes
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**Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (Non-Gasoline)**

Unit ID No.	SOP Index No.	Means of Compliance	Emissions Type	Combination of Control Devices	Control Device	Control Device ID No.	Meets 63.988(b)(2)	Performance Test	Continuous Monitoring System
05LRC031A	63EEEE-01	UNLOAD							
05LRC041C	63EEEE-01	UNLOAD							
05LTR036	63EEEE-01	UNLOAD							
05TRC041D	63EEEE-01	UNLOAD							

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Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
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General Information

Requested Information	Response
Date:	05/01/2026
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	Existing Application Update
Project Number (if available):	38869
Form Information	TCEQ Entry Only
Title V Form Release Date:	07/2025
Form Number:	10017
APD ID Number:	156v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Individual Unit Summary
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Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05BIN026		WAX RECYCLE TANK			NSR Permit	3373		
		05CLT021A		REFRIGERATION UNIT COOLING TOWER			PBR		106.371	09/04/2000
		05COM-013	GRP05COM1	RECYCLE COMPRESSOR			NSR Permit	3373		
	5	05COM-013	GRP05COM1	RECYCLE COMPRESSOR			PBR	125301	106.261	11/01/2003
		05COM-014	GRP05COM1	RECYCLE COMPRESSOR			NSR Permit	3373		
	5	05COM-014	GRP05COM1	RECYCLE COMPRESSOR			PBR	125301	106.261	11/01/2003
		05DMP034A		LUBE OIL DUMPSTER			NSR Permit	3373		
		05LTR038A		SONOLUBE OIL TANK UNLOADING			NSR Permit	3373		
	9	05LTR038A		SONOLUBE OIL TANK UNLOADING			PBR		106.472	09/04/2000
		05LTR215A		BOSS OIL LOADING			NSR Permit	3373		
		05LTR44		HOPPER TRUCK LOADING			PBR		106.472	09/04/2000
		05OP1		INITIATOR MIX TANK 1			NSR Permit	3373		
		05OP10		CIRCULATING WATER TANK			NSR Permit	3373		
		05OP11		SEAL OIL HOT WATER TRACING TANK			NSR Permit	3373		
		05OP12		GLYCERINE DAY TANK			NSR Permit	3373		
		05OP13		SEAL OIL RESERVOIR			NSR Permit	3373		
		05OP14		N BHT TANK			NSR Permit	3373		
		05OP15		C BHT TANK			NSR Permit	3373		
		05OP16		S BHT TANK			NSR Permit	3373		

Individual Unit Summary
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Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05OP17		BHT MIX TANK 1			NSR Permit	3373		
		05OP18		BHT MIX TANK 2			NSR Permit	3373		
		05OP19		BHT MIX TANK 3			NSR Permit	3373		
		05OP2		INITIATOR MIX TANK 2			NSR Permit	3373		
		05OP20		INITIATOR MIX TANK 5			NSR Permit	3373		
		05OP21		INITIATOR MIX TANK 6			NSR Permit	3373		
		05OP22		CT 709			NSR Permit	3373		
		05OP23		CL 1490			NSR Permit	3373		
		05OP25		B552 REFRIGERATION WATER TANK			NSR Permit	3373		
		05OP26		SEAL OIL TANK			NSR Permit	3373		
		05OP27		STARTING AIR TANK			NSR Permit	3373		
		05OP28		SOAP TANK 1			NSR Permit	3373		
		05OP29		SOAP TANK 2			NSR Permit	3373		
		05OP3		INITIATOR MIX TANK 3			NSR Permit	3373		
		05OP30		SOAP TANK 3			NSR Permit	3373		
		05OP32		PROPYLENE TANK			NSR Permit	3373		
		05OP4		INITIATOR MIX TANK 4			NSR Permit	3373		
		05OP5		EMERGENCY NITROGEN TANK			NSR Permit	3373		
		05OP6		PLURONICS MIX TANK			NSR Permit	3373		
		05OP7		CONVEYING WATER TANK			NSR Permit	3373		
		05OP8		REFRIGERATION WATER TANK			NSR Permit	3373		
		05OP9		CRITICAL CHILL WATER TANK			NSR Permit	3373		

Individual Unit Summary
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Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05SEP051		CPI OIL SEPARATOR			NSR Permit	3373		
		05SEP053		INITIATOR TREATMENT TANK			NSR Permit	3373		
	9	05SEP053		INITIATOR TREATMENT TANK			PBR		106.472	09/04/2000
		05SMP033		VA SUMP			NSR Permit	3373		
		05SMP034		USED OIL SUMP			NSR Permit	3373		
		05TFX024	GRP05TK001	WASTEWATER TANK			NSR Permit	3373		
		05TFX037	GRP05TK001	MINERAL SPIRITS TANK C-145			NSR Permit	3373		
		05TFX038	GRP05TK001	SONOLUBE OIL TANK			NSR Permit	3373		
		05TFX039		A4V4 LUBE OIL TANK			NSR Permit	3373		
	9	05TFX039		A4V4 LUBE OIL TANK			PBR		106.472	09/04/2000
		05TFX041		MAA STORAGE TANK			NSR Permit	3373		
		05TFX042		IBA/AA TANK			NSR Permit	3373		
		05TFX045		WASTE COMONOMER TANK			NSR Permit	3373		
		05TFX047		INHIBITOR TANK			NSR Permit	3373		
		05TFX049A		CAUSTIC HOLDUP TANK			NSR Permit	3373		
		05TFX052	GRP05TK02A	GLYCERINE TANK			NSR Permit	3373		
		05TFX210		STORM WATER TANK 1			NSR Permit	3373		
		05TFX211		STORM WATER TANK 2			NSR Permit	3373		
		05TFX214	GRP05TK001	OMS C-200 TANK			NSR Permit	3373		
		05TFX214	GRP05TK001	OMS C-200 TANK			PBR		106.472	09/04/2000
		05TFX215		BOSS OIL TANK			NSR Permit	3373		
		05TFX216		SHOP DUMPSTER			PBR		106.472	09/04/2000
		05TOT024B		WASTEWATER TANK			NSR Permit	3373		

Texas Commission on Environmental Quality

[illegible]

Negative Applicable/Superseded Requirement Determinations
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Federal Operating Permit Program
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05BIN026	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05BIN026	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05CLT021A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Cooling tower does not handle an organic liquid containing a HAP
		05CLT021A	40 CFR Part 63, Subpart Q	63.400(a)	Not applicable since not in chromium service on or after 9/8/1994
		05DMP034A	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05DMP034A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05LTR038A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined
		05LTR215A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Loading unit does not contain a HAP
		05LTR44	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Truck loading unit loads solid pellets
		05LTR44	40 CFR Part 63, Subpart FFFF	63.2550(i)	Truck loading unit does not contain a HAP
		05OP1	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP1	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP10	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP10	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP11	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP11	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP12	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP12	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP13	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons

Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP13	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP14	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP14	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP15	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP15	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP16	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP16	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP17	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP17	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP18	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP18	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP19	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP19	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP2	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP20	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP20	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP20	40 CFR Part 63, Subpart FFFF	63.2550(i) Gen	Storage tank does not contain a HAP

Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP21	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP21	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP21	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP
		05OP22	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP22	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP23	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP23	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP25	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP25	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP26	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP26	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP27	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP27	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP28	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP28	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP29	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP29	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP3	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP30	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP30	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL

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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP32	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP32	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP
		05OP4	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP4	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP5	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP5	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP6	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP6	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP7	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP7	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP8	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP8	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP9	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP9	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05SEP051	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05SEP051	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05SEP053	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05SMP033	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05SMP033	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05SMP034	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons

Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05SMP034	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFX039	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFX039	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX041	40 CFR Part 60, Subpart Kb	60.110b(b)	Storage vessel has a capacity greater than or equal to 19,800 gallons but less than 40,000 gallons storing a liquid with a maximum true vapor pressure less than 15.0 kPa
		05TFX041	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX042	40 CFR Part 60, Subpart Kb	60.110b(b)	Storage vessel has a capacity greater than or equal to 19,800 gallons but less than 40,000 gallons storing a liquid with a maximum true vapor pressure less than 15.0 kPa
		05TFX045	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX045	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX047	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX047	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX049A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX210	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05TFX210	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05TFX211	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05TFX211	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05TFX215	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX215	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX216	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX216	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05TOT024B	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TOT024B	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		GRP05COM1	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since equipment is not in HAP service
		GRP05TK001	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		GRP05TK001	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		GRP05TK02A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		GRP05TK02A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, May 8, 2026 10:40 AM
To: Kyle Murray
Cc: Pena, Shawn (S)
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-05-07_NOD_WDP_Response_O1903_Updated.pdf; Form_OP-UA15_Updated.xlsx

Kyle,

Please ignore the last attachment that I sent. I have updated our response to Item #3. Sorry about that!

Have a great weekend!

Crystal Schmidt

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



Seek **Together™**



May 7, 2026

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

F-Unit Copolymers, RN110741337

Title V Operating Permit Notice of Deficiency and Working Draft Permit Response

TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items and comments on the Working Draft Permit (WDP) provided on April 8, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Additional Information Request

Item 1	Form OP-UA4 – The following Unit IDs are listed on the OP-REQ2 section of the form depicting negative applicability for MACT FFFF due to the units <u>only</u> being an unloading operation. However, on the UA form (Table 1a – 30 TAC Chapter 115), Transfer Type is answered “Both” which contradicts your negative applicability reason. Could you please offer some insight as to whether this is correct or if the OP-REQ2 entry/form attributes need to be updated. - o Unit ID 05LRC031A - o Unit ID 05LRC041C - o Unit ID 05LTR022A - o Unit ID 05LTR039A - o Unit ID 05TRC041D
Item 1 Response	Please see the attached Form OP-UA4 for more information. The Transfer Type answer has been updated from “BOTH” to “UNLOAD” for all of the listed units.
Item 2	Form OP-UA15 (OP-SUM Section) – Unit IDs 05OVN-032 and 05OVN-032A have the PCA column left blank on the form. Please let me know if there should be any additional authorizations included for these units in the permit (provide me with the updated form if so).
Item 2 Response	Please see the attached Form OP-UA15 for more information.
Item 3	Periodic Monitoring – I believe your effective permit incorrectly contained PM for Chapter 115 Vent Gas Control – 115.122(b). This was for Unit ID 05RSY207 and Group IDs GRP05VT009 and GRP05CS010. Since the attribute code for Vent Type on Table 2a of the OP-UA15 lists “EXLDPE”, the units meet the exemption criteria and are not subject to additional monitoring. I have removed these PM requirements from your permit. Please let me know if this is acceptable.
Item 3 Response	Dow inadvertently answered the Vent Type question incorrectly. We are requesting to change the answer from “EXLDEP” to “LDPE”. Please see the attached Form OP-UA15 for more information.
Item 4	Form OP-REQ1 - o Question IV.H.1 requires an answer. - o Question VIII.GG.1 – Should this be answered Yes since the following question lists multiple subparts? - o Question XII.B.2 should be no since Standard Permit 168518 is a non-rule Pollution Control permit. Let me know if you agree.
Item 4 Response	Please see the attached Form OP-REQ1 (Pages 21, 76, and 86 only) for more information.
Item 5	Form OP-PBRSUP – The following Unit IDs are authorized by PBRs in your permit but not listed on the OP-PBRSUP. Please add them or update the PCAs in OP-SUM section of the applicable UA Form if the PBR should be removed. - o 05BLN001 – 106.261/11/01/2003 - o 05BLN002 – 106.261/11/01/2003 - o 05BLN003 – 106.261/11/01/2003 - o 05BLN004 – 106.261/11/01/2003 - o 05BLN005 – 106.261/11/01/2003 - o 05BLN006 – 106.261/11/01/2003 - o 05BLN007 – 106.261/11/01/2003 - o 05BLN008 – 106.261/11/01/2003 - o 05BLN009 – 106.261/11/01/2003 - o 05LTR022A – 106.261/11/01/2003 - o 05LTR036 – 106.261/09/04/2000 - o 05TFX042 – 106.261/11/01/2003 - o As a note, if updating the OP-PBRSUP, please redate and submit all four tables as a set.

Additional Information Request (cont.)

Item 5 Response	05BLN001; 05BLN002; 05BLN003; 05BLN004; 05BLN005; 05BLN006; 05BLN007: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-UA15 for more information. 05BLN008; 05BLN009: Dow is requesting to update the authorization from “PBR 106.261” to “NSR 3373”. Please see the attached Form OP-UA15 for more information.
Item 5 Response (cont.)	05LTR022A; 05LTR036: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-UA4 for more information. 05TFX042: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-REQ2 for more information.

Working Draft Permit Comments

Unit Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025.
2. 05GEN003: Please add 40 CFR Part 60, Subpart IIII applicability to the engine as requested in Revision #1 in the minor revision application received by TCEQ on August 25, 2025. This application is being submitted with this response for convenience purposes.

Applicable Requirement Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025.
2. 05LRC031B: Please update the Unit Group Process Type form “Empty” to “EU” on the 40 CFR Part 63, Subpart FFFF row.
3. 05GEN003: Please add 40 CFR Part 60, Subpart IIII applicability to the engine as requested in Revision #1 in the minor revision application received by TCEQ on August 25, 2025. This application is being submitted with this response for convenience purposes.

New Source Review Authorization References by Emissions Unit

1. 05FLR040: Please add Standard Permit 168518 to the list of authorizations for this flare as requested in Revision #13 in the renewal application received by TCEQ on September 14, 2025.

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.
May 7, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)

3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	☐ Yes ☐ No
4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ 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>	☐ Yes ☐ No
6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
7.	The application area includes completely closed drain systems.	☐ Yes ☐ No

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>	☐ Yes ☒ No ☐ N/A ☐ Yes ☐ No ☐ N/A
◆ 2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
◆ 3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
◆ 4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "No," go to Section VI.I.</i>	☐ Yes ☒ No ☐ Yes ☐ No

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

Date	Permit No.	Regulated Entity No.
May 7, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	☐ Yes ☐ 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>	☐ Yes ☒ 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>	☐ Yes ☐ No
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ No
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	☐ Yes ☐ No

GG. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <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>	☒ Yes ☐ No ☐ Yes ☒ No
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

40 CFR Part 63, Subpart EEEE (OLD MACT); 40 CFR Part 63, Subpart ZZZZ (RICE MACT)

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 86)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
May 7, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

B.Air Quality Standard Permits

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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, May 8, 2026 10:15 AM
To: Kyle Murray
Cc: Pena, Shawn (S)
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-05-07_NOD_WDP_Response_O1903.pdf

Kyle,

Please see the attached document that includes a response to Item #3. Please let me know if you have any questions. Thanks and have a great weekend!

Crystal Schmidt

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





May 7, 2026

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

F-Unit Copolymers, RN110741337

Title V Operating Permit Notice of Deficiency and Working Draft Permit Response

TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items and comments on the Working Draft Permit (WDP) provided on April 8, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Additional Information Request

Item 1	Form OP-UA4 – The following Unit IDs are listed on the OP-REQ2 section of the form depicting negative applicability for MACT FFFF due to the units <u>only</u> being an unloading operation. However, on the UA form (Table 1a – 30 TAC Chapter 115), Transfer Type is answered “Both” which contradicts your negative applicability reason. Could you please offer some insight as to whether this is correct or if the OP-REQ2 entry/form attributes need to be updated. - o Unit ID 05LRC031A - o Unit ID 05LRC041C - o Unit ID 05LTR022A - o Unit ID 05LTR039A - o Unit ID 05TRC041D
Item 1 Response	Please see the attached Form OP-UA4 for more information. The Transfer Type answer has been updated from “BOTH” to “UNLOAD” for all of the listed units.
Item 2	Form OP-UA15 (OP-SUM Section) – Unit IDs 05OVN-032 and 05OVN-032A have the PCA column left blank on the form. Please let me know if there should be any additional authorizations included for these units in the permit (provide me with the updated form if so).
Item 2 Response	Please see the attached Form OP-UA15 for more information.
Item 3	Periodic Monitoring – I believe your effective permit incorrectly contained PM for Chapter 115 Vent Gas Control – 115.122(b). This was for Unit ID 05RSY207 and Group IDs GRP05VT009 and GRP05CS010. Since the attribute code for Vent Type on Table 2a of the OP-UA15 lists “EXLDPE”, the units meet the exemption criteria and are not subject to additional monitoring. I have removed these PM requirements from your permit. Please let me know if this is acceptable.
Item 3 Response	Dow would like to keep the Periodic Monitoring in the Title V permit if that is possible. The plant is already monitoring the pilot temperatures in order to comply with the NSR permit.
Item 4	Form OP-REQ1 - o Question IV.H.1 requires an answer. - o Question VIII.GG.1 – Should this be answered Yes since the following question lists multiple subparts? - o Question XII.B.2 should be no since Standard Permit 168518 is a non-rule Pollution Control permit. Let me know if you agree.
Item 4 Response	Please see the attached Form OP-REQ1 (Pages 21, 76, and 86 only) for more information.
Item 5	Form OP-PBR SUP – The following Unit IDs are authorized by PBRs in your permit but not listed on the OP-PBR SUP. Please add them or update the PCAs in OP-SUM section of the applicable UA Form if the PBR should be removed. - o 05BLN001 – 106.261/11/01/2003 - o 05BLN002 – 106.261/11/01/2003 - o 05BLN003 – 106.261/11/01/2003 - o 05BLN004 – 106.261/11/01/2003 - o 05BLN005 – 106.261/11/01/2003 - o 05BLN006 – 106.261/11/01/2003 - o 05BLN007 – 106.261/11/01/2003 - o 05BLN008 – 106.261/11/01/2003 - o 05BLN009 – 106.261/11/01/2003 - o 05LTR022A – 106.261/11/01/2003 - o 05LTR036 – 106.261/09/04/2000 - o 05TFX042 – 106.261/11/01/2003 - o As a note, if updating the OP-PBR SUP, please redate and submit all four tables as a set.

Additional Information Request (cont.)

Item 5 Response	05BLN001; 05BLN002; 05BLN003; 05BLN004; 05BLN005; 05BLN006; 05BLN007: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-UA15 for more information. 05BLN008; 05BLN009: Dow is requesting to update the authorization from “PBR 106.261” to “NSR 3373”. Please see the attached Form OP-UA15 for more information.
Item 5 Response (cont.)	05LTR022A; 05LTR036: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-UA4 for more information. 05TFX042: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-REQ2 for more information.

Working Draft Permit Comments

Unit Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025.
2. 05GEN003: Please add 40 CFR Part 60, Subpart IIII applicability to the engine as requested in Revision #1 in the minor revision application received by TCEQ on August 25, 2025. This application is being submitted with this response for convenience purposes.

Applicable Requirement Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025.
2. 05LRC031B: Please update the Unit Group Process Type form “Empty” to “EU” on the 40 CFR Part 63, Subpart FFFF row.
3. 05GEN003: Please add 40 CFR Part 60, Subpart IIII applicability to the engine as requested in Revision #1 in the minor revision application received by TCEQ on August 25, 2025. This application is being submitted with this response for convenience purposes.

New Source Review Authorization References by Emissions Unit

1. 05FLR040: Please add Standard Permit 168518 to the list of authorizations for this flare as requested in Revision #13 in the renewal application received by TCEQ on September 14, 2025.

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

Sent: Friday, May 1, 2026 10:37 AM

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

Cc: Pena, Shawn (S) <Shawn.Pena@Dow.com>

Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Crystal,

Thank you for your response. I can give you an additional week to review item 3 while I incorporate your comments and updates. I look forward to your response next Friday (05/08) and should have a revised WDP for you to review by then. 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: Friday, May 1, 2026 9:58 AM
To: Kyle Murray
Cc: Pena, Shawn (S)
Subject: RE: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site
Attachments: 2026-05-01_NOD_WDP_Response_O1903.pdf

Kyle,

Please see our attached response comments on the WDP and for Items 1, 2, 4, and 5. We are requesting an extension on Item 3 in order to do some more research and talk to the plant folks.

Please let me know if you approve of this extension.

Thanks and have a great weekend!

Crystal Schmidt

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



Seek Together™



May 1, 2026

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

F-Unit Copolymers, RN110741337

Title V Operating Permit Notice of Deficiency and Working Draft Permit Response

TCEQ Project Number: 38869

Dear Mr. Murray,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items and comments on the Working Draft Permit (WDP) provided on April 8, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

Additional Information Request

Item 1	Form OP-UA4 – The following Unit IDs are listed on the OP-REQ2 section of the form depicting negative applicability for MACT FFFF due to the units <u>only</u> being an unloading operation. However, on the UA form (Table 1a – 30 TAC Chapter 115), Transfer Type is answered “Both” which contradicts your negative applicability reason. Could you please offer some insight as to whether this is correct or if the OP-REQ2 entry/form attributes need to be updated. - o Unit ID 05LRC031A - o Unit ID 05LRC041C - o Unit ID 05LTR022A - o Unit ID 05LTR039A - o Unit ID 05TRC041D
Item 1 Response	Please see the attached Form OP-UA4 for more information. The Transfer Type answer has been updated from “BOTH” to “UNLOAD” for all of the listed units.
Item 2	Form OP-UA15 (OP-SUM Section) – Unit IDs 05OVN-032 and 05OVN-032A have the PCA column left blank on the form. Please let me know if there should be any additional authorizations included for these units in the permit (provide me with the updated form if so).
Item 2 Response	Please see the attached Form OP-UA15 for more information.
Item 3	Periodic Monitoring – I believe your effective permit incorrectly contained PM for Chapter 115 Vent Gas Control – 115.122(b). This was for Unit ID 05RSY207 and Group IDs GRP05VT009 and GRP05CS010. Since the attribute code for Vent Type on Table 2a of the OP-UA15 lists “EXLDPE”, the units meet the exemption criteria and are not subject to additional monitoring. I have removed these PM requirements from your permit. Please let me know if this is acceptable.
Item 3 Response	This response will be provided no later than May 8, 2026.
Item 4	Form OP-REQ1 - o Question IV.H.1 requires an answer. - o Question VIII.GG.1 – Should this be answered Yes since the following question lists multiple subparts? - o Question XII.B.2 should be no since Standard Permit 168518 is a non-rule Pollution Control permit. Let me know if you agree.
Item 4 Response	Please see the attached Form OP-REQ1 (Pages 21, 76, and 86 only) for more information.
Item 5	Form OP-PBRSUP – The following Unit IDs are authorized by PBRs in your permit but not listed on the OP-PBRSUP. Please add them or update the PCAs in OP-SUM section of the applicable UA Form if the PBR should be removed. - o 05BLN001 – 106.261/11/01/2003 - o 05BLN002 – 106.261/11/01/2003 - o 05BLN003 – 106.261/11/01/2003 - o 05BLN004 – 106.261/11/01/2003 - o 05BLN005 – 106.261/11/01/2003 - o 05BLN006 – 106.261/11/01/2003 - o 05BLN007 – 106.261/11/01/2003 - o 05BLN008 – 106.261/11/01/2003 - o 05BLN009 – 106.261/11/01/2003 - o 05LTR022A – 106.261/11/01/2003 - o 05LTR036 – 106.261/09/04/2000 - o 05TFX042 – 106.261/11/01/2003 - o As a note, if updating the OP-PBRSUP, please redate and submit all four tables as a set.
Item 5 Response	05BLN001; 05BLN002; 05BLN003; 05BLN004; 05BLN005; 05BLN006; 05BLN007: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-UA15 for more information. 05BLN008; 05BLN009: Dow is requesting to update the authorization from “PBR 106.261” to “NSR 3373”. Please see the attached Form OP-UA15 for more information.

Additional Information Request (cont.)

Item 5 Response (cont.)	05LTR022A; 05LTR036: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-UA4 for more information. 05TFX042: Dow is requesting to remove PBR 106.261 from the list of authorizations. Please see the attached Form OP-REQ2 for more information.

Working Draft Permit Comments

Unit Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025.
2. 05GEN003: Please add 40 CFR Part 60, Subpart IIII applicability to the engine as requested in Revision #1 in the minor revision application received by TCEQ on August 25, 2025. This application is being submitted with this response for convenience purposes.

Applicable Requirement Summary

1. GRP05COM2: Please add 40 CFR Part 63, Subpart ZZZZ applicability to this group of engines. It was not requested to be removed in the renewal application received by TCEQ on September 14, 2025.
2. 05LRC031B: Please update the Unit Group Process Type form “Empty” to “EU” on the 40 CFR Part 63, Subpart FFFF row.
3. 05GEN003: Please add 40 CFR Part 60, Subpart IIII applicability to the engine as requested in Revision #1 in the minor revision application received by TCEQ on August 25, 2025. This application is being submitted with this response for convenience purposes.

New Source Review Authorization References by Emissions Unit

1. 05FLR040: Please add Standard Permit 168518 to the list of authorizations for this flare as requested in Revision #13 in the renewal application received by TCEQ on September 14, 2025.

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.
May 1, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	Regulated Entity No.
May 1, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	☐ Yes ☐ No

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

◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>	☐ Yes ☒ 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>	☐ Yes ☐ No
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ No
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	☐ Yes ☐ No

GG. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <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>	☒ Yes ☐ No ☐ Yes ☒ No
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

40 CFR Part 63, Subpart EEEE (OLD MACT); 40 CFR Part 63, Subpart ZZZZ (RICE MACT)

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 86)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
May 1, 2026	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

B.Air Quality Standard Permits

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

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

Sent: Wednesday, April 8, 2026 4:11 PM

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

Subject: WDP -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good afternoon Crystal,

I have conducted a technical review of the renewal/significant revision application for The Dow Chemical Company, Dow Victoria Site. 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 have on the working draft permit at your earliest convenience or by **Friday, May 1st**. Please also provide a response for the following:

- **Form OP-UA4** – The following Unit IDs are listed on the OP-REQ2 section of the form depicting negative applicability for MACT FFFF due to the units only being an unloading operation. However, on the UA form (Table 1a – 30 TAC Chapter 115), Transfer Type is answered “Both” which contradicts your negative applicability reason. Could you please offer some insight as to whether this is correct or if the OP-REQ2 entry/form attributes need to be updated.
 - **Unit ID 05LRC031A**
 - **Unit ID 05LRC031C**
 - **Unit ID 05LTR022A**
 - **Unit ID 05LTR039A**
 - **Unit ID 05TRC041D**
- **Form OP-UA 15 (OP-SUM Section)** – Unit IDs 05OVN-032 and 05OVN-032A have the PCA column left blank on the form. Please let me know if there should be any additional authorizations included for these units in the permit (provide me with the updated form if so).
- **Periodic Monitoring** – I believe your effective permit incorrectly contained PM for Chapter 115 Vent Gas Control – 115.122(b). This was for Unit ID 05RSY207 and Group IDs GRP05VT009 and GRP05CS010. Since the attribute code for Vent Type on Table 2a of the OP-UA15 lists “EXLDPE”, the units meet the exemption criteria and are not subject to additional monitoring. I have removed these PM requirements from your permit. Please let me know if this is acceptable.
- **Form OP-REQ1**
 - Question IV.H.1 requires an answer.
 - Question VIII.GG.1 – Should this be answered Yes since the following question lists multiple subparts?
 - Question XII.B.2 should be no since Standard Permit 168518 is a non-rule Pollution Control permit. Let me know if you agree.
- **Form OP-PBRSUP** – The following Unit IDs are authorized by PBRs in your permit but not listed on the OP-PBRSUP. Please add them or update the PCAs in OP-SUM section of the applicable UA Form if the PBR should be removed.
 - **05BLN001** – 106.261/11/01/2003
 - **05BLN002** – 106.261/11/01/2003
 - **05BLN003** – 106.261/11/01/2003

- **05BLN004** – 106.261/11/01/2003
- **05BLN005** – 106.261/11/01/2003
- **05BLN006** – 106.261/11/01/2003
- **05BLN007** – 106.261/11/01/2003
- **05BLN008** – 106.261/11/01/2003
- **05BLN009** – 106.261/11/01/2003
- **05LTR022A** – 106.261/11/01/2003
- **05LTR036** – 106.261/09/04/2000
- **05TFX042** – 106.261/11/01/2003
- As a note, if updating the OP-PBRSUP, please redate and submit all four tables as a set.

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

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

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

Please notify me when these updates have been submitted.

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

Let me know if you have any questions or comments and I would be happy to assist. Thank you!

Sincerely,

Kyle J. Murray

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

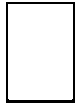
MC 163, P.O. Box 13087

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: Kyle Murray
Sent: Monday, April 6, 2026 1:15 PM
To: Schmidt, Crystal (C)
Subject: Technical Review (Project Reassignment) -- FOP O1903/Project 38869, The Dow Chemical Company, Dow Victoria Site

Good afternoon Crystal,

I have been reassigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1903 for The Dow Chemical Company, Dow Victoria Site (Thishan is no longer with the Agency). This application has been assigned Project No. 38869. 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. I will do my best to get this permit moving as quickly as possible. If you know of any necessary updates regarding this application, please submit them to me at your earliest convenience. I will begin my review this week and be in touch soon.

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_facsheet.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.

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: Thishan Karandana <Thishan.Karandana@tceq.texas.gov>

Sent: Thursday, November 13, 2025 3:11 PM

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

Subject: Technical Review -- FOP O1903/Project 39009, The Dow Chemical Company/Dow Victoria Site

Dear Mrs. Schmidt,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1903 for The Dow Chemical Company, Dow Victoria Site, F-Unit Copolymers. This application has been assigned Project No. 39009. 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.

Since I am also assigned to revision project #38869, I would like to consolidate these two projects together. They would be worked under the renewal project #39009. If that is acceptable, please let me know by **Monday, November 17, 2025**.

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](#).

Optional: Request any information that may have been noted as deficient or out-of-date during a preliminary project review (e.g. OP-1 with current contact data, current OP-REQ1, etc.), and include a deadline.

Please review 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 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,

Thishan D. Karandana G.

Permit Reviewer

Operating Permit Section (Title V)

Air Permits Division

Texas Commission on Environmental Quality

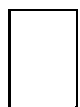
MC-163, P.O. Box 13087

Austin, TX 78711-3087

thishan.karandana@tceq.texas.gov

Phone: (512) 239-3374

Fax: (512) 239-1400



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

From: eNotice TCEQ
Sent: Thursday, October 16, 2025 2:28 PM
To: Lois.Kolkhorst@senate.texas.gov; aj.louderback@house.texas.gov
Subject: TCEQ Notice - Permit Number O1903
Attachments: TCEQ Notice - O1903_39009.pdf

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

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

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

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

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 16, 2025

THE HONORABLE LOIS KOLKHORST
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 39009
Permit Number: O1903
The Dow Chemical Company
F-unit Copolymers
Victoria, Victoria County
Regulated Entity Number: RN110741337
Customer Reference Number: CN600356976

Dear Senator Kolkhorst:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.95,28.679444&level=13>.

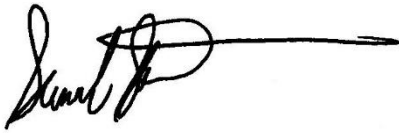
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment 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 Lois Kolkhorst
Page 2
October 16, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

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

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

Brooke T. Paup, *Chairwoman*
Catarina R. Gonzales, *Commissioner*
Tonya R. Miller, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 16, 2025

THE HONORABLE AJ LOUDERBACK
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 39009
Permit Number: O1903
The Dow Chemical Company
F-unit Copolymers
Victoria, Victoria County
Regulated Entity Number: RN110741337
Customer Reference Number: CN600356976

Dear Representative Louderback:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.95,28.679444&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 Existing

1903

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	F-UNIT COPOLYMERS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2697 OLD BLOOMINGTON RD N
City	VICTORIA
State	TX
ZIP	77905
County	VICTORIA
Latitude (N) (##.#####)	28.679444
Longitude (W) (-###.#####)	96.95
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110741337
What is the name of the Regulated Entity (RE)?	DOW VICTORIA SITE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2697 OLD BLOOMINGTON RD N BLDG 560
City	VICTORIA
State	TX
ZIP	77905
County	VICTORIA
Latitude (N) (##.#####)	28.688994
Longitude (W) (-###.#####)	-96.941545
Facility NAICS Code	
What is the primary business of this entity?	

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?	

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)	PO BOX 103
Routing (such as Mail Code, Dept., or Attn:)	
City	VICTORIA
State	TX
ZIP	77902
Phone (###-###-####)	9896365836
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	JMSAMPSON@DOW.COM

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	NICHOLAS MILLER(THE DOW CHEMICA...)
Prefix	THE DOW CHEMICAL COMPANY
First	MR
Middle	NICHOLAS
Last	MILLER
Suffix	
Credentials	
Title	SITE MANUFACTURING DIRECTOR
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 103

Routing (such as Mail Code, Dept., or Attn:)	
City	VICTORIA
State	TX
Zip	77902
Phone (###-###-####)	3615721704
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	njmillier@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

New Contact

The Dow Chemical Company

MRS

Crystal

Schmidt

Air Permit Manager

Domestic

332 SH 332 E

Lake Jackson

TX

77566

9792381742

cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:

2) Permit Latitude Coordinate:

3) Permit Longitude Coordinate:

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

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

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

SOP

28 Deg 40 Min 46 Sec

96 Deg 57 Min 0 Sec

New Application

Renewal

No

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

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

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

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name

Form_OP-UA1.xlsx

Hash

32EC7538F3D7C3594C4048BAADF57BFCB595A588ED86E64E0A751D04B4024AAB

MIME-Type

application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name

Form_OP-UA13.xlsx

Hash

50127FBBB6C289220BCC1586626413E1FC0013BC7C7F4EB9A9CFA6BB4A74FCD9

MIME-Type

application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name

Form_OP-UA14.xlsx

Hash

CB9D6C0956B65762C02B92AEFA20B6DD808791B0A4F74E5479B93EC8F7423EB7

MIME-Type

application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name

Form_OP-UA15.xlsx

Hash

E7289E9559D81BFBE6B6745B3F33F32EE7F60A30F3D89223428A1AFCAC99D5B5

MIME-Type

application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name Form_OP-UA16.xlsx
Hash E8FE1E0CDCBEEE55D1E8D476437680733F18C88BDEAE5D443C776806C7DE2B19
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name Form_OP-UA2.xlsx
Hash B8526558820D5AA414939A845A08986D3DEC6D30982C79FEED272243BD1519F4
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name Form_OP-UA3.xlsx
Hash BE300ECA1ADCAB5234BF586BE6EA64D274130B253972F992FD9BA7C2AF19F030
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name Form_OP-UA4.xlsx
Hash 55E1E104FB0EF289669974EBE9AF70EB1B23A1E854EB2A32D62A7F043A0F3A12
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name Form_OP-UA60.xlsx
Hash CC5EF78858134C456D3B9A3EFCC4E1784AC59CD7EAFB5382A155012BFD18D438
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[File Properties]

File Name Form_OP-UA7.xlsx
Hash A07C72FA1091CDF3673189E0CCD8FD07B039DD326C42F2D723693DA56AB1576A
MIME-Type application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name 2025-09-10_O1903_Renewal_Application_TCEQ_Copy.pdf
Hash D756A61CC3440900D696F04786293EC1AF8C656B6DCA90198E6DB359D907E884
MIME-Type application/pdf

[File Properties]

File Name Form_OP-REQ2.xlsx
Hash 48E9C449129557D842F0E29CFE9BF586B3A0985195A590E8E3CB785CCA77D4D3

MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
[File Properties]	
File Name	Form_OP-UA60.xlsx
Hash	CC5EF78858134C456D3B9A3EFCC4E1784AC59CD7EAFB5382A155012BFD18D438
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

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 Nicholas Miller, the owner of the STEERS account ER103372.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1903.
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: Nicholas Miller OWNER OPERATOR

Account Number:	ER103372
Signature IP Address:	170.85.99.10
Signature Date:	2025-09-14
Signature Hash:	EF92B778BAFE771E89245B89ECBC08A44A4E166C06659911881F383D4473E94F
Form Hash Code at time of Signature:	9043F990EAA686C5977D946F092B0DA27F9E576EACB394972494FD64A94E0442

Submission

Reference Number:	The application reference number is 816712
Submitted by:	The application was submitted by ER103372/Nicholas Miller
Submitted Timestamp:	The application was submitted on 2025-09-14 at 12:07:34 CDT

Submitted From:

The application was submitted from IP address
170.85.99.10

Confirmation Number:

The confirmation number is 678067

Steers Version:

The STEERS version is 6.92

Permit Number:

The permit number is 1903

Additional Information

Application Creator: This account was created by Crystal Schmidt



September 10, 2025

Electronic Submittal via ePermits

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

**The Dow Chemical Company, CN600356976; RN110741337
F-Unit Copolymers – Title V Operating Permit O1903
Permit Renewal Application**

To Whom it May Concern,

The Dow Chemical Company (Dow) is submitting the Title V Operating Permit O1903 Renewal Application for the F-Unit Copolymers plant located in Victoria County, Texas. This renewal application is submitted in accordance with 30 TAC Chapter 122, Subchapter, C §122.241 and §122.243.

Please do not hesitate to contact me at cschmidt6@dow.com if you require additional information regarding this submittal.

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:
US EPA Region 6
TCEQ Air Section Manager, Region 12

R6AirPermitsTX@epa.gov
R12apdmail@tceq.texas.gov

The Dow Chemical Company

Permit O1903 F-Unit Copolymers

Site Operating Permit Renewal Application

September 10, 2025

Table of Contents

Section 1 – Administrative Forms

Form OP-1 – Site Information Summary

Form OP-2 – Application for Permit Revision/Renewal

Form OP-SUMR – Individual Unit Summary for Revisions

Form is located in separate excel spreadsheet

Section 2 – Unit Attribute Forms

Forms are located in separate excel spreadsheets

Section 3 – Applicability Identification Forms

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

Form OP-REQ2 – Negative Applicable Requirement Determinations

Form is located in separate excel spreadsheet

Form OP-REQ3 – Applicable Requirements Summary

Section 4 – Compliance Certification Forms

Form OP-ACPS

Section 5 – Permits by Rule Supplemental Table

Permits by Rule Supplemental Table

Section 1 - Administrative Forms

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

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

I. Company Identifying Information
A. Company Name: The Dow Chemical Company
B. Customer Reference Number (CN): CN600356976
C. Submittal Date (mm/dd/yyyy): September 10, 2025
II. Site Information
A. Site Name: Dow Victoria Site
B. Regulated Entity Reference Number (RN): RN110741337
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ 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>
☒ VOC ☒ NO _x ☐ SO ₂ ☐ PM ₁₀ ☒ CO ☐ Pb ☒ HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO
F. Is the site within a local program area jurisdiction? ☒ YES ☐ NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? ☐ Abbreviated ☐ Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? ☐ YES ☐ NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? ☐ YES ☐ NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) ☐ YES ☐ NO
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? ☐ YES ☒ NO
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
RO Full Name: John Sampson
RO Title: Senior Vice President
Employer Name: The Dow Chemical Company
Mailing Address: 2310 North Brazosport Blvd.
City: Freeport
State: Texas
ZIP Code: 77541
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 979-238-9978
Fax No.:
Email: TXLES@dow.com

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

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

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: F-Unit Copolymers
B. Physical Address: 2697 Old Bloomington Rd N
City: Victoria
State: Texas
ZIP Code: 77905
C. Physical Location: 2697 Old Bloomington Rd N
D. Nearest City: Victoria
E. State: Texas
F. ZIP Code: 77905

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

X. Application Area Information (<i>continued</i>)
G. Latitude (nearest second): 28° 40' 46"
H. Longitude (nearest second): 96° 57' 0"
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO
J. Indicate the estimated number of emission units in the application area: 119
K. Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Victoria Public Library
B. Physical Address: 302 N Main Street
City: Victoria
ZIP Code: 77901
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (☐ Mr. ☒ Mrs. ☐ Ms. ☐ Dr.):
Contact Person Full Name: Crystal Schmidt
Contact Mailing Address: 332 South Hwy 332 E
City: Lake Jackson
State: Texas
ZIP Code: 77566
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 979-238-1742

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

XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

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

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date: September 10, 2025	
Permit No.: O1903	
Regulated Entity No.: RN110741337	
Company Name: The Dow Chemical Company	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? ☒ YES ☐ NO	
I. Application Type	
Indicate the type of application:	
☒ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☐ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ NO

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

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

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

Date: September 10, 2025
Permit No.: O1903
Regulated Entity No.: RN110741337
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	N/A	OP-UAs OP-REQ1	N/A	The Dow Chemical Company (Dow) requests updates to unit sources whose UA forms have been updated since the last renewal. In addition, Dow is requesting to update the Preconstruction Authorizations. Please see the attached Form OP-REQ1. Additions have been bolded and italicized, and deletions have been marked with a strikethrough.
2	MS-C	NO	Multiple	OP-SUMR OP-PBR SUP	N/A	Please update the PBR Supplemental Table to include any changes that have been made since the permit was last renewed in March 2021 (Project #30296) before this form was required. Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.
3	MS-C	NO	05LRC031A 05LRC041C 05LTR036 05TRC041D	OP-UA1 OP-UA4	N/A	Please remove 40 CFR Part 63, Subpart EEEE General High-Level Applicability from this unit. Please add 40 CFR Part 63, Subpart EEEE Low-Level Applicability to this unit via Form OP-UA4/Table 11.

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

Date: September 10, 2025
Permit No.: O1903
Regulated Entity No.: RN110741337
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		
4	MS-C	YES	MRU-TEMP	OP-PBRSUP	106.373/09/04/2000	Dow authorized the use of a temporary refrigeration system by PBR 106.373. An OP-NOTIFY was received by TCEQ on 11/01/2022 (Project No. 34423). PBR 106.373 is already included in the permit; therefore, it will not be added to Form OP-REQ1. No applicability changes will occur because of this project. This OP-NOTIFY is being included for completeness purposes only.
5	MS-C	NO	05COM-013 05COM-014	OP-SUMR	N/A	Please add PBR Registration No. 125301 to PBR 106.261/11/01/2003 for the list of authorizations for these units.
6	MS-C	NO	05FLR040	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for this unit: 106.261/11/01/2003 [181049] and 106.262/11/01/2003 [181049].
7	MS-C	NO	05FUG	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for this unit: 106.261/11/01/2003 [146013].
8	MS-C	NO	05INC-030VNT	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for this unit: 106.261/11/01/2003 [72144], 106.262/11/01/2003 [72144], and 106.393/09/04/2000 [72144].

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

Date: September 10, 2025
Permit No.: O1903
Regulated Entity No.: RN110741337
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		
9	MS-C	NO	05LTR038A 05LTR039A 05SEP053 05TFX039	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for these units: 106.472/09/04/2000.
10	MS-C	NO	05OVN-032 05OVN-032A	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for these units: 106.495/09/04/2000 [78699].
11	MS-C	NO	05TOT024B	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for these units: 106.532/03/14/1997.
12	MS-C	NO	PRO-F UNIT	OP-SUMR	N/A	Please add the following PBRs to the list of authorizations for these units: 89/01/08/1980, 99/01/08/1980, 106.263/11/01/2001, and 106.373/09/04/2000.
13	MS-C	NO	05FLR040	OP-SUMR OP-REQ1	N/A	Please add Standard Permit 168518 to the list of authorizations for this flare. Please update questions XII.B.1 through XII.B.16 on the Form OP-REQ1 (Pages 86-87) since the permit area now has a Standard Permit as an NSR authorization.

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

Date: September 10, 2025	
Permit No.: O1903	
Regulated Entity No.: RN110741337	
Company Name: The Dow Chemical Company	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? ☒ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? ☐ YES ☒ NO

Section 2 – Unit Attribute Forms

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

Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05BIN026		WAX RECYCLE TANK			NSR Permit	3373		
		05CLT021A		REFRIGERATION UNIT COOLING TOWER			PBR		106.371	09/04/2000
		05COM-013	GRP05COM1	RECYCLE COMPRESSOR			NSR Permit	3373		
	5	05COM-013	GRP05COM1	RECYCLE COMPRESSOR			PBR	125301	106.261	11/01/2003
		05COM-014	GRP05COM1	RECYCLE COMPRESSOR			NSR Permit	3373		
	5	05COM-014	GRP05COM1	RECYCLE COMPRESSOR			PBR	125301	106.261	11/01/2003
		05DMP034A		LUBE OIL DUMPSTER			NSR Permit	3373		
		05LTR038A		SONOLUBE OIL TANK UNLOADING			NSR Permit	3373		
	9	05LTR038A		SONOLUBE OIL TANK UNLOADING			PBR		106.472	09/04/2000
		05LTR215A		BOSS OIL LOADING			NSR Permit	3373		
		05LTR44		HOPPER TRUCK LOADING			PBR		106.472	09/04/2000
		05OP1		INITIATOR MIX TANK 1			NSR Permit	3373		
		05OP10		CIRCULATING WATER TANK			NSR Permit	3373		
		05OP11		SEAL OIL HOT WATER TRACING TANK			NSR Permit	3373		
		05OP12		GLYCERINE DAY TANK			NSR Permit	3373		
		05OP13		SEAL OIL RESERVOIR			NSR Permit	3373		
		05OP14		N BHT TANK			NSR Permit	3373		
		05OP15		C BHT TANK			NSR Permit	3373		
		05OP16		S BHT TANK			NSR Permit	3373		

General Business

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

Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05OP17		BHT MIX TANK 1			NSR Permit	3373		
		05OP18		BHT MIX TANK 2			NSR Permit	3373		
		05OP19		BHT MIX TANK 3			NSR Permit	3373		
		05OP2		INITIATOR MIX TANK 2			NSR Permit	3373		
		05OP20		INITIATOR MIX TANK 5			NSR Permit	3373		
		05OP21		INITIATOR MIX TANK 6			NSR Permit	3373		
		05OP22		CT 709			NSR Permit	3373		
		05OP23		CL 1490			NSR Permit	3373		
		05OP25		B552 REFRIGERATION WATER TANK			NSR Permit	3373		
		05OP26		SEAL OIL TANK			NSR Permit	3373		
		05OP27		STARTING AIR TANK			NSR Permit	3373		
		05OP28		SOAP TANK 1			NSR Permit	3373		
		05OP29		SOAP TANK 2			NSR Permit	3373		
		05OP3		INITIATOR MIX TANK 3			NSR Permit	3373		
		05OP30		SOAP TANK 3			NSR Permit	3373		
		05OP32		PROPYLENE TANK			NSR Permit	3373		
		05OP4		INITIATOR MIX TANK 4			NSR Permit	3373		
		05OP5		EMERGENCY NITROGEN TANK			NSR Permit	3373		
		05OP6		PLURONICS MIX TANK			NSR Permit	3373		
		05OP7		CONVEYING WATER TANK			NSR Permit	3373		
		05OP8		REFRIGERATION WATER TANK			NSR Permit	3373		
		05OP9		CRITICAL CHILL WATER TANK			NSR Permit	3373		

General Business

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

Unit AI	Revision No.	ID No.	Group ID No.	ID Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05SEP051		CPI OIL SEPARATOR			NSR Permit	3373		
		05SEP053		INITIATOR TREATMENT TANK			NSR Permit	3373		
	9	05SEP053		INITIATOR TREATMENT TANK			PBR		106.472	09/04/2000
		05SMP033		VA SUMP			NSR Permit	3373		
		05SMP034		USED OIL SUMP			NSR Permit	3373		
		05TFX024	GRP05TK001	WASTEWATER TANK			NSR Permit	3373		
		05TFX037	GRP05TK001	MINERAL SPIRITS TANK C-145			NSR Permit	3373		
		05TFX038	GRP05TK001	SONOLUBE OIL TANK			NSR Permit	3373		
		05TFX039		A4V4 LUBE OIL TANK			NSR Permit	3373		
	9	05TFX039		A4V4 LUBE OIL TANK			PBR		106.472	09/04/2000
		05TFX041		MAA STORAGE TANK			NSR Permit	3373		
		05TFX042		IBA/AA TANK			NSR Permit	3373		
		05TFX042		IBA/AA TANK			PBR		106.261	11/01/2003
		05TFX045		WASTE COMONOMER TANK			NSR Permit	3373		
		05TFX047		INHIBITOR TANK			NSR Permit	3373		
		05TFX049A		CAUSTIC HOLDUP TANK			NSR Permit	3373		
		05TFX052	GRP05TK02A	GLYCERINE TANK			NSR Permit	3373		
		05TFX210		STORM WATER TANK 1			NSR Permit	3373		
		05TFX211		STORM WATER TANK 2			NSR Permit	3373		
		05TFX214	GRP05TK001	OMS C-200 TANK			NSR Permit	3373		
		05TFX214	GRP05TK001	OMS C-200 TANK			PBR		106.472	09/04/2000
		05TFX215		BOSS OIL TANK			NSR Permit	3373		
		05TFX216		SHOP DUMPSTER			PBR		106.472	09/04/2000

General Business

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

[illegible]

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05BIN026	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05BIN026	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05CLT021A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Cooling tower does not handle an organic liquid containing a HAP
		05CLT021A	40 CFR Part 63, Subpart Q	63.400(a)	Not applicable since not in chromium service on or after 9/8/1994
		05DMP034A	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05DMP034A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05LTR038A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined
		05LTR215A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Loading unit does not contain a HAP
		05LTR44	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Truck loading unit loads solid pellets
		05LTR44	40 CFR Part 63, Subpart FFFF	63.2550(i)	Truck loading unit does not contain a HAP
		05OP1	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP1	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP10	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP10	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP11	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP11	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP12	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP12	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP13	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP13	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP14	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP14	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP15	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP15	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP16	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP16	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP17	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP17	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP18	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP18	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP19	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP19	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP2	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP20	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP20	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP20	40 CFR Part 63, Subpart FFFF	63.2550(i) General Business	Storage tank does not contain a HAP

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP21	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP21	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP21	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP
		05OP22	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP22	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP23	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP23	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP25	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP25	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP26	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP26	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP27	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP27	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP28	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP28	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP29	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP29	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP3	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP30	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP30	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL

General Business

Negative Applicable/Superseded Requirement Determinations
Form OP-REQ2
Federal Operating Permit Program
Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05OP32	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05OP32	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP
		05OP4	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP4	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP5	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP5	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP6	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05OP6	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05OP7	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP7	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP8	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP8	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05OP9	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05OP9	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05SEP051	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05SEP051	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05SEP053	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05SMP033	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05SMP033	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05SMP034	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons

Negative Applicable/Superseded Requirement Determinations
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Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05SMP034	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFX039	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFX039	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX041	40 CFR Part 60, Subpart Kb	60.110b(b)	Storage vessel has a capacity greater than or equal to 19,800 gallons but less than 40,000 gallons storing a liquid with a maximum true vapor pressure less than 15.0 kPa
		05TFX041	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX042	40 CFR Part 60, Subpart Kb	60.110b(b)	Storage vessel has a capacity greater than or equal to 19,800 gallons but less than 40,000 gallons storing a liquid with a maximum true vapor pressure less than 15.0 kPa
		05TFX045	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX045	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX047	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX047	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		05TFX049A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX210	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05TFX210	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05TFX211	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1)	Storage tank does not contain a VOC
		05TFX211	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage tank does not contain a VOL
		05TFX215	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX215	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TFX216	30 TAC Chapter 115, Storage of VOCs	115.111(b)(8)	Storage tank with a storage capacity less than 1,000 gallons
		05TFX216	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons

Negative Applicable/Superseded Requirement Determinations
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Texas Commission on Environmental Quality

Unit AI	Revision No.	ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05TOT024B	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		05TOT024B	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		GRP05COM1	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since equipment is not in HAP service
		GRP05TK001	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		GRP05TK001	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service
		GRP05TK02A	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		GRP05TK02A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service

Miscellaneous and Generic Unit Attributes
Form OP-UA1
Federal Operating Permit Program
Texas Commission on Environmental Quality

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	10/1998
Form Number:	10044
APD ID Number:	35v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Miscellaneous and Generic Unit Attributes
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Table 1	N/A	Page 1	Yes

**Miscellaneous and Generic Unit Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05FUG		PROCESS FUGITIVES			NSR Permit	3373		
	7	05FUG		PROCESS FUGITIVES			PBR	146013	106.261	11/01/2003

**Miscellaneous and Generic Unit Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05FUG	40 CFR Part 60, Subpart VV	60.480(a)(1)	Exempt since not a SOCMI process

**Miscellaneous and Generic Unit Attributes
Form OP-UA1
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table 1

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
05FUG	63FFFF-01	EP				Please add 40 CFR Part 63, Subpart FFFF General High-Level Applicability to this unit

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Stationary Reciprocating Internal Combustions Engine Attributes
Form OP-UA2
Federal Operating Permit Program
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General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	02/2025
Form Number:	10003
APD ID Number:	27v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Stationary Reciprocating Internal Combustions Engine Attributes
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Table 1b	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	Page 2	
Table 1c	30 TAC Chapter 117, Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas	Page 3	
Table 2a	40 CFR Part 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Page 4	Yes
Table 2b	40 CFR Part 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Page 5	
Table 2c	40 CFR Part 63, Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Page 6	
Table 3	30 TAC Chapter 117, Subchapter E: Multi-Region Combustion Control	Page 7	
Table 4a	40 CFR Part 60, Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Page 8	
Table 4b	40 CFR Part 60, Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Page 9	
Table 5a	40 CFR Part 60, Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Page 10	Yes
Table 5b	40 CFR Part 60, Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Page 11	Yes
Table 5c	40 CFR Part 60, Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Page 12	Yes

Form OP-SUM - Individual Unit Summary
Table 1

General Business

**Stationary Reciprocating Internal Combustions Engine Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP05COM2	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since equipment not in HAP service

Stationary Reciprocating Internal Combustions Engine Attributes
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Texas Commission on Environmental Quality

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
05GEN003	63ZZZZ-01	MAJOR	300-500	06+		EMER-A	
GRP05COM2	63ZZZZ-01	MAJOR	500+	02-		NORMAL	2SLB

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Stationary Reciprocating Internal Combustions Engine Attributes
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Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
05GEN003	60IIII-01	2005+	NONE	EMERG	CON	0406+

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Stationary Reciprocating Internal Combustions Engine Attributes
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Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
05GEN003	60IIII-01	DIESEL		10-CS		2014	

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

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
05GEN003	60IIII-01	E130-368		NO	YES	MANU YES		

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

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	02/2025
Form Number:	10008
APD ID Number:	37v1.0
Version Revised Date:	02/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

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Table 3	40 CFR Part 60, Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)	Page 3	
Table 4a	30 TAC Chapter 115, Subchapter B: Storage of Volatile Organic Compounds (VOCs)	Page 4	Yes
Table 4b	30 TAC Chapter 115, Subchapter B: Storage of Volatile Organic Compounds (VOCs)	Page 5	Yes
Table 5	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	Page 6	
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**Storage Tank/Vessel Attributes
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**Form OP-SUM - Individual Unit Summary
Table 1**

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05TFL018		VINYL ACETATE STORAGE TANK			NSR Permit	3373		
		05TFL022		RECYCLE VA STORAGE TANK			NSR Permit	3373		
		05TFL023		RECYCLE VA STORAGE TANK			NSR Permit	3373		
		05TFX043		WASTE ACID TANK			NSR Permit	3373		

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

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05TFL018	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFL022	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed prior to July 23, 1984 and not reconstructed or modified after July 23, 1984
		05TFL023	40 CFR Part 60, Subpart Kb	63.2535(c)	The storage tank is subject to 40 CFR Part 60, Subpart Kb but complies with the requirements of Group 1 storage tanks in 40 CFR Part 63, Subpart FFFF because the tank is assigned to an MCPU
		05TFX043	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel does not store a VOL
		05TFX043	40 CFR Part 63, Subpart FFFF	63.2550(i)	Storage tank does not contain a HAP

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

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

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
05TFL018	R5112-01	NO		VOC1	A40K+			
05TFL022	R5112-01	NO		VOC1	A1K-25K			
05TFL023	R5112-01	NO		VOC1	A40K+			
05TFX043	R5112-01	NO		VOC1	A1K-25K			

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

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

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
05TFL018	R5112-01		IFR1	1.5+A				
05TFL022	R5112-01		IFR1	1.5+A				
05TFL023	R5112-01		IFR1	1.5+A				
05TFX043	R5112-01		SPVRS1	1.5+A			DIRINC	05INC030

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

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

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
05TFL018	63FFFF-01	63WW					
05TFL022	63FFFF-01	63WW					
05TFL023	63FFFF-01	63WW					

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

Table 21d: 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

Unit ID No.	SOP Index No.	WW Tank Control	Unslotted Guidepole	Slotted Guidepole	Seal Configuration	Inspection Requirement
05TFL018	63FFFF-01	IFR	YES	NONE	IFR-MT	
05TFL022	63FFFF-01	IFR	YES	NONE	IFR-MT	
05TFL023	63FFFF-01	IFR	YES	NONE	IFR-MT	

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**Loading/Unloading Operations Attributes
Form OP-UA4
Federal Operating Permit Program
Texas Commission on Environmental Quality**

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	02/2025
Form Number:	10041
APD ID Number:	38v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Loading/Unloading Operations Attributes
Form OP-UA4
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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Table	Regulation	Page	Data Submitted
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N/A	N/A	OP-REQ2	Yes
Table 1a	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	Page 1	Yes
Table 1b	30 TAC Chapter 115, Subchapter C: Loading and Unloading of Volatile Organic Compounds	Page 2	Yes
Table 2	40 CFR Part 60, Subpart XX: Standards of Performance for Bulk Gasoline Terminals	Page 3	
Table 3	40 CFR Part 63, Subpart R: National Emission Standards for Gasoline Distribution Facilities	Page 4	
Table 4a	40 CFR Part 63, Subpart Y: National Emission Standards for Marine Vessel Loading Operations	Page 5	
Table 4b	40 CFR Part 63, Subpart Y: National Emission Standards for Marine Vessel Loading Operations	Page 6	
Table 5	40 CFR Part 61, Subpart BB: National Emission Standards for Benzene Emissions from Benzene Transfer Operations	Page 7	
Table 6	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 8	
Table 7a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	Page 9	
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Table 7e	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	Page 13	
Table 7f	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Transfer Operations	Page 14	

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Table 9a	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 16	Yes
Table 9b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 17	Yes
Table 9c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 18	Yes
Table 10a	40 CFR Part 63, Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	Page 19	
Table 10b	40 CFR Part 63, Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	Page 20	
Table 11a	40 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (Non-Gasoline)	Page 21	Yes
Table 11b	41 CFR Part 63, Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (Non-Gasoline)	Page 22	

**Loading/Unloading Operations Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
	3	05LRC031A		VA RAIL UNLOADING			NSR Permit	3373		
		05LRC031B		RECVAM RAIL LOADING			NSR Permit	3373		
	3	05LRC041C		ACID RAIL UNLOADING			NSR Permit	3373		
		05LTC051		CPI WASTE OIL VACUUM TRUCK LOADING			PBR		106.472	09/04/2000
		05LTC052		GLYCERINE UNLOADING			PBR		106.472	09/04/2000
		05LTC053		INHIBITOR UNLOADING			PBR		106.472	09/04/2000
		05LTC200		OMS C-200 UNLOADING			PBR		106.472	09/04/2000
		05LTR019		PROPANE UNLOADING			NSR Permit	3373		
		05LTR020		PROPYLENE UNLOADING			NSR Permit	3373		
		05LTR022A		IBA/NBA UNLOADING			NSR Permit	3373		
		05LTR022A		IBA/NBA UNLOADING			PBR		106.261	11/01/2003
	3	05LTR036		VINYL ACETATE TRUCK UNLOADING			NSR Permit	3373		
	3	05LTR036		VINYL ACETATE TRUCK UNLOADING			PBR		106.261	09/04/2000
		05LTR037A		MINERAL SPIRITS TANK C-145 UNLOADING			NSR Permit	3373		

**Loading/Unloading Operations Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05LTR039A		A4V4 LUBE OIL TANK UNLOADING			NSR Permit	3373		
	9	05LTR039A		A4V4 LUBE OIL TANK UNLOADING			PBR		106.472	09/04/2000
		05LTR043B		WASTE ACID TRUCK LOADING			NSR Permit	3373		
	3	05TRC041D		ACID TRUCK UNLOADING			NSR Permit	3373		

**Loading/Unloading Operations Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05LRC031A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LRC041C	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTC051	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC051	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC052	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC052	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC053	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC053	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC200	40 CFR Part 63, Subpart EEEE	63.2406	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTC200	40 CFR Part 63, Subpart FFFF	63.2550(i)	Transfer operation does not handle an organic liquid HAP as defined in the rule
		05LTR019	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR020	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR022A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR036	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05LTR037A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)

General Business

**Loading/Unloading Operations Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05LTR039A	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)
		05TRC041D	40 CFR Part 63, Subpart FFFF	63.2550(i)	This is an unloading operation only. It is not a transfer rack as defined in 63.2550(i)

**Loading/Unloading Operations Attributes
Form OP-UA4
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

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
05LRC031A	R5211-01	OTHER	NONE		VOC2	BOTH	1.5+	NCE2	CON
05LRC031B	R5211-01	OTHER	NONE		VOC2	BOTH	1.5+	NCE2	CON
05LRC041C	R5211-01	OTHER	NONE		VOC2	BOTH	1.5-		
05LTC051	R5211-01	OTHER	NONE		VOC2	LOAD	1.5-		
05LTC052	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTC053	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTC200	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5-		
05LTR019	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	20K-	
05LTR020	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	20K-	
05LTR022A	R5211-01	OTHER	NONE		VOC2	BOTH	1.5-		
05LTR036	R5211-01	OTHER	NONE		VOC2	UNLOAD	1.5+	NCE2	PLS
05LTR037A	R5211-01	OTHER	NONE		VOC2	BOTH	1.5-		
05LTR039A	R5211-01	OTHER	NONE		VOC2	BOTH	1.5-		
05LTR043B	R5211-01	OTHER	NONE		VOC2	LOAD	1.5-		
05TRC041D	R5211-01	OTHER	NONE		VOC2	BOTH	1.5-		

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**Loading/Unloading Operations Attributes
Form OP-UA4
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

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
05LRC031A	R5211-01	DIRFLM	05INC030	YES				
05LRC031B	R5211-01	DIRFLM	05INC030	YES				
05LTR036	R5211-01	NONE		YES				

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**Loading/Unloading Operations Attributes
Form OP-UA4
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP Index No.	Emission Standard	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
05LRC031B	63FFFF-01	CD98	NO	NO	NO	NO	NO	NONE

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**Loading/Unloading Operations Attributes
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Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table 9b: 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

Unit ID No.	SOP Index No.	Small Device	1257A1	1257A1 Device Type	Alt 63SS Mon Parameters	CEMS	SS Device Type
05LRC031B	63FFFF-01	NO			NO	YES	INCIN

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**Loading/Unloading Operations Attributes
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Federal Operating Permit Program
Texas Commission on Environmental Quality**

Table 9c: 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

Unit ID No.	SOP Index No.	Meets 63.988(b)(2)	44 Primary	Water	HAL Device Type	Formaldehyde
05LRC031B	63FFFF-01	NO			NONE	NO

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**Loading/Unloading Operations Attributes
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Texas Commission on Environmental Quality**

**Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (Non-Gasoline)**

Unit ID No.	SOP Index No.	Means of Compliance	Emissions Type	Combination of Control Devices	Control Device	Control Device ID No.	Meets 63.988(b)(2)	Performance Test	Continuous Monitoring System
05LRC031A	63EEEE-01	UNLOAD							
05LRC041C	63EEEE-01	UNLOAD							
05LTR036	63EEEE-01	UNLOAD							
05TRC041D	63EEEE-01	UNLOAD							

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

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	11/2021
Form Number:	10022
APD ID Number:	41v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

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

Texas Commission on Environmental Quality

Table 1

[illegible]

Flare Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05FLR040	40 CFR Part 60, Subpart A	60.11(a)	Exempt from NSPS as flare does not receive waste gas from NSPS or NESHAP Part 60 or Part 61 equipment

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

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

Unit ID No.	SOP/GOP Index No.	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
05FLR040	R1111-01	NO	NO			

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

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

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

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
05FLR040	63A-01	YES	YES	STEAM	60-	

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**Cooling Tower Attributes
Form OP-UA13
Federal Operating Permit Program
Texas Commission on Environmental Quality**

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	11/2021
Form Number:	10029
APD ID Number:	48v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

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N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	Yes
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Table 2	40 CFR Part 61, Subpart L: National Emission Standards for Benzene Emissions from Coke By-Product Recovery Plants	Page 2	
Table 3a	30 TAC Chapter 115, Subchapter H, Division 2: Cooling Tower Heat Exchange Systems	Page 3	
Table 3b	30 TAC Chapter 115, Subchapter H, Division 2: Cooling Tower Heat Exchange Systems	Page 4	
Table 4	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	Page 5	
Table 5	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 6	
Table 6	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing	Page 7	Yes

**Cooling Tower Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05CLT021		COOLING TOWER			NSR Permit	3373		

**Cooling Tower Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05CLT021	40 CFR Part 63, Subpart Q	63.400(a)	Not applicable since not in chromium service on or after 9/8/1994

**Cooling Tower Attributes
Form OP-UA13
Federal Operating Permit Program
Texas Commission on Environmental Quality**

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

Unit ID No.	SOP Index No.	Monitoring
05CLT021	63FFFF-01	NO

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**Water Separator Attributes
Form OP-UA14
Federal Operating Permit Program
Texas Commission on Environmental Quality**

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	11/2022
Form Number:	10038
APD ID Number:	49v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Water Separator Attributes
Form OP-UA14
Federal Operating Permit Program
Texas Commission on Environmental Quality

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Table	Regulation	Page	Data Submitted
N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	Yes
Table 1	30 TAC Chapter 115, Subchapter B: Water Separation	Page 1	Yes
Table 2a	40 CFR Part 63, Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators	Page 2	
Table 2b	40 CFR Part 63, Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators	Page 3	
Table 2c	40 CFR Part 63, Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators	Page 4	
Table 3a	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 5	
Table 3b	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 6	
Table 3c	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 7	
Table 3d	40 CFR Part 63, Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations	Page 8	
Table 4a	40 CFR Part 60, Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	Page 9	
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Table 9a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 21	
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**Water Separator Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05SEP051A		API OIL SEPARATOR			NSR Permit	3373		
		05SEP051A		API OIL SEPARATOR			PBR		106.532	03/14/1997

**Water Separator Attributes
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Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05SEP051A	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service

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Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Water Separation

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement (ACR)	ACR ID No.	Exemption	Emission Control Option	Control Device	Control Device ID No.
05SEP051A	R5131-01	NO		BSEP			

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

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	11/2022
Form Number:	10046
APD ID Number:	50v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Texas Commission on Environmental Quality

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Table 1b	30 TAC Chapter 111, Subchapter A: Visible Emissions	Page 2	
Table 2a	30 TAC Chapter 115, Subchapter B: Vent Gas Control	Page 3	Yes
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Table 5a	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 11	
Table 5b	40 CFR Part 63, Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	Page 12	
Table 6a	40 CFR Part 63, Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents	Page 13	
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Table 8a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Continuous Front-end Process Vents	Page 17	

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Table 10d	40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Continuous Process Vents	Page 26	
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Table 13d	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 35	Yes
Table 13e	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents	Page 36	Yes
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Emission Point ID No.	Group ID No.	Emission Point Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05BIN025	GRP05VT003N	WEST PELLET BIN			NSR Permit	3373		
		05BLN001	GRP05VT003N	BLENDER VENT 1			NSR Permit	3373		
		05BLN001	GRP05VT003N	BLENDER VENT 1			PBR		106.261	11/01/2003
		05BLN002	GRP05VT003N	BLENDER VENT 2			NSR Permit	3373		
		05BLN002	GRP05VT003N	BLENDER VENT 2			PBR		106.261	11/01/2003
		05BLN003	GRP05VT003N	BLENDER VENT 3			NSR Permit	3373		
		05BLN003	GRP05VT003N	BLENDER VENT 3			PBR		106.261	11/01/2003
		05BLN004	GRP05VT003N	BLENDER VENT 4			NSR Permit	3373		
		05BLN004	GRP05VT003N	BLENDER VENT 4			PBR		106.261	11/01/2003
		05BLN005	GRP05VT003N	BLENDER VENT 5			NSR Permit	3373		
		05BLN005	GRP05VT003N	BLENDER VENT 5			PBR		106.261	11/01/2003
		05BLN006	GRP05VT003N	BLENDER VENT 6			NSR Permit	3373		
		05BLN006	GRP05VT003N	BLENDER VENT 6			PBR		106.261	11/01/2003
		05BLN007	GRP05VT003N	BLENDER VENT 7			NSR Permit	3373		
		05BLN007	GRP05VT003N	BLENDER VENT 7			PBR		106.261	11/01/2003
		05BLN008		BLENDER VENT 8			PBR		106.261	11/01/2003
		05BLN009		BLENDER VENT 9			PBR		106.261	11/01/2003
		05COM-013VNT	GRP05COM-VNT	RECYCLE COMPRESSOR ENGINE 550-HP			NSR Permit	3373		
		05COM-014VNT	GRP05COM-VNT	RECYCLE COMPRESSOR ENGINE 550-HP			NSR Permit	3373		
		05COM-015VNT	GRP05COM-VNT	NO. 1 PURGE COMPRESSOR ENGINE 330-HP			NSR Permit	3373		
		05COM-016VNT	GRP05COM-VNT	NO. 2 PURGE COMPRESSOR ENGINE 330-HP			NSR Permit	3373		

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Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Emission Point ID No.	Group ID No.	Emission Point Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05COM-017VNT	GRP05COM-VNT	PURGE COMPRESSOR VENT			NSR Permit	3373		
		05CSY101	GRP05CS010	COMPRESSOR SYSTEM PACKING STACK VENT			NSR Permit	3373		
		05DMP033A	GPR05VT003N	VA DUMPSTER			NSR Permit	3373		
		05DRY028	GPR05VT003N	PELLET DRYERS			NSR Permit	3373		
		05DRY213	GRP05VT009	ETHYLENE DRYER			NSR Permit	3373		
		05EXT011	GPR05VT003N	EXTRUDER 1			NSR Permit	3373		
		05EXT011A	GPR05VT003N	EXTRUDER 1 VENT SCREW			NSR Permit	3373		
		05EXT012	GPR05VT003N	EXTRUDER 2			NSR Permit	3373		
		05EXT012A	GPR05VT003N	EXTRUDER 2 VENT SCREW			NSR Permit	3373		
		05FLR110		TELOGEN PURGE			NSR Permit	3373		
		05FLT050	GRP05VT009	C2 FILTER DEPRESSURES			NSR Permit	3373		
		05FLT051		VINYL ACETATE RECOVERY FILTER			NSR Permit	3373		
		05HSY100	GRP05CS010	HYPER STEAM VENT			NSR Permit	3373		
		05INC-030VNT		THERMAL ABATER VENT			NSR Permit	3373		
		05INC-030VNT		THERMAL ABATER VENT			PBR	72144	106.261	11/01/2003
		05INC-030VNT		THERMAL ABATER VENT			PBR	72144	106.262	11/01/2003
		05INC-030VNT		THERMAL ABATER VENT			PBR	72144	106.393	09/04/2000
		05OVN-032		EAST BERRINGER OVENT						

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Table 1

Unit AI	Revision No.	Emission Point ID No.	Group ID No.	Emission Point Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05OVN-032		EAST BERRINGER OVENT						
		05OVN-032A		WEST BERRINGER OVEN						
		05OVN-032A		WEST BERRINGER OVEN						
		05RSY207		REACTOR SYSTEM			NSR Permit	3373		
		05SEP044	GRP05VT009	VA SUCTION POT			NSR Permit	3373		

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Texas Commission on Environmental Quality

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Emission Point ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05RSY207	40 CFR Part 60, Subpart RRR	60.700(a)	Exempt since unit is not a listed SOCMI manufacturing process and does not process a listed chemical

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
05INC-030VNT	R1111-01	NO		OTHER	NONE	72-	100-
GRP05COM- VNT	R1111-01	NO		OTHER	NONE	72-	100-

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Vent Gas Control

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24- Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
05FLR110	R5121-01	NO	NO	SPECVOC				
05FLT051	R5121-01	NO	NO	CLASVOC			30K+	
05FLT051	R5121-02	NO	NO	CLASVOC			30K+	
05OVN-032	R5121-01	NO	NO	SPECVOC		100-		YES
05OVN-032A	R5121-01	NO	NO	SPECVOC		100-		YES
05RSY207	R5121-01	NO	NO	EXLDPE				
GRP05CS010	R5121-01	NO	NO	EXLDPE				
GPR05VT003N	R5121-01	NO	NO	EXLDPE				
GRP05VT009	R5121-01	NO	NO	EXLDPE				

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Texas Commission on Environmental Quality

Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Vent Gas Control

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
05FLR110	R5121-01	NONE		FLARE	05FLR040
05FLT051	R5121-02	NONE		FLARE	05FLR040
05FLT051	R5121-01	NONE		DIRFLM	05INC030
05RSY207	R5121-01	NONE		FLARE	05FLR040
GRP05CS010	R5121-01	NONE		FLARE	05FLR040
GPR05VT003N	R5121-01	NONE			05INC030
GRP05VT009	R5121-01	NONE		FLARE	05FLR040

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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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

Emission Point ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
05BLN008	63FFFF-01	CD98					
05BLN009	63FFFF-01	CD98					
05FLR110	63FFFF-01	BLWFLR					
05FLT051	63FFFF-01	CD98					
05RSY207	63FFFF-01	BLWFLR					
GRP05CS010	63FFFF-01	BLWFLR					
GPR05VT003N	63FFFF-01	CD98					
GRP05VT009	63FFFF-01	BLWFLR					

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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

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
05FLR110	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE
05RSY207	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE
GRP05CS010	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE
GRP05VT009	63FFFF-01	YES	NO	NO	NO	NO		NO	NONE

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

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

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
05BLN008	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030
05BLN009	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030
05FLT051	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030
GPR05VT003N	63FFFF-01	YES	NO				NO		NO	INCIN	05INC030

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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
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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

Emission Point ID No.	SOP Index No.	Meets 63.988(b)(2)	Water	Designated HAL	Determined HAL
05BLN008	63FFFF-01	NO		NO	NO
05BLN009	63FFFF-01	NO		NO	NO
05FLT051	63FFFF-01	NO		NO	NO
GPR05VT003N	63FFFF-01	NO		NO	NO

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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

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
05BLN008	63FFFF-01	NONE		NO	NO		NO	NO	NONE
05BLN009	63FFFF-01	NONE		NO	NO		NO	NO	NONE
05FLT051	63FFFF-01	NONE		NO	NO		NO	NO	NONE
GPR05VT003N	63FFFF-01	NONE		NO	NO		NO	NO	NONE

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Solvent Degreasing Machine Attributes
Form OP-UA16
Federal Operating Permit Program
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General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-UNIT COPOLYMERS
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	10/2022
Form Number:	10030
APD ID Number:	51v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Solvent Degreasing Machine Attributes
Form OP-UA16
Federal Operating Permit Program
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N/A	N/A	OP-SUM Table 1	Yes
N/A	N/A	OP-REQ2	Yes
Table 1	30 TAC Chapter 115, Subchapter E: Degreasing Processes	Page 1	Yes
Table 2a	40 CFR Part 63, Subpart T: National Emission Standards for Halogenated Solvent Cleaning	Page 2	
Table 2b	40 CFR Part 63, Subpart T: National Emission Standards for Halogenated Solvent Cleaning	Page 3	
Table 2c	40 CFR Part 63, Subpart T: National Emission Standards for Halogenated Solvent Cleaning	Page 4	

**Solvent Degreasing Machine Attributes
Federal Operating Permit Program
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Form OP-SUM - Individual Unit Summary

Table 1

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		05DEG208		SHOPS DEGREASER			PBR		106.454	11/01/2001

**Solvent Degreasing Machine Attributes
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Unit ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		05DEG208	40 CFR Part 63, Subpart FFFF	63.2550(i)	Exempt since tank is not in HAP service

Solvent Degreasing Machine Attributes
Form OP-UA16
Federal Operating Permit Program
Texas Commission on Environmental Quality

Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter E: Degreasing Processes

Unit ID No.	SOP/GOP Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/ Air Interface Area	Emission Control Combinations
05DEG208	R5412-01	COLD	NO		YES	0.6-	YES	NO	16-	YES		

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

General Information

Requested Information	Response
Date:	09/09/2025
Customer Reference No.:	CN600356976
Regulated Entity No.:	RN110741337
Permit No.:	O1903
Permit Area Name:	F-Unit Copolymers
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	New Application
Project Number (if available):	TBD
Form Information	TCEQ Entry Only
Title V Form Release Date:	04/2015
Form Number:	10296
APD ID Number:	94v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
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Federal Operating Permit Program
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Table 2a	40 CFR Part 63, Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	Page 3	
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Table 5a	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes	Page 8	Yes
Table 5b	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes	Page 9	Yes
Table 5c	40 CFR Part 63, Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes	Page 10	Yes
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Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Federal Operating Permit Program
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Form OP-SUM - Individual Unit Summary
Table 1

Unit AI	Revision No.	Process ID No.	Group ID No.	Process Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		PRO-F UNIT		LDPE COPOLYMERS PROCESS			NSR Permit	3373		
	12	PRO-F UNIT		LDPE COPOLYMERS PROCESS			PBR		89	01/08/1980
	12	PRO-F UNIT		LDPE COPOLYMERS PROCESS			PBR		99	01/08/1980
	12	PRO-F UNIT		LDPE COPOLYMERS PROCESS			PBR		106.263	11/01/2001
	12	PRO-F UNIT		LDPE COPOLYMERS PROCESS			PBR		106.373	09/04/2000

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Federal Operating Permit Program
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Form OP-REQ2 - Negative Applicable/Superseded Requirement Determinations

Unit AI	Revision No.	Process ID No.	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		PRO-F UNIT	40 CFR Part 60, Subpart DDD	60.560(b)	Not applicable since constructed prior to 9/30/1987 and no "modification" since 9/30/1987. No net emissions increases to trigger modification.

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
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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

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

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Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
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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

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

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Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
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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

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

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Section 3 – Applicability Identification Forms

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
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Date	Permit No.	Regulated Entity No.
September 10, 2025	O1903	RN110741337

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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Date	Permit No.	Regulated Entity No.
September 10, 2025	O1903	RN110741337

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.	☐ Yes ☒ No
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ☒ No
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ☒ No
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	☐ Yes ☒ No
<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.	☐ Yes ☐ No
◆	b. The application area is subject to 30 TAC § 111.145.	☐ Yes ☐ No
◆	c. The application area is subject to 30 TAC § 111.147.	☐ Yes ☐ No
◆	d. The application area is subject to 30 TAC § 111.149.	☐ Yes ☐ No
C. Emissions Limits on Nonagricultural Processes		
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	☒ Yes ☐ 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>	☐ Yes ☒ No
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

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For SOP applications, answer ALL questions unless otherwise directed.

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

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
E. Outdoor Burning (continued)		
◆ 5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	☐ Yes ☒ No
◆ 6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ☒ No
◆ 7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ☒ No
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
A. Temporary Fuel Shortage Plan Requirements		
1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	☒ Yes ☐ No
III. 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>	☒ Yes ☐ 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.	☐ Yes ☒ No

Application Area-Wide Applicability Determinations and General Information

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For SOP applications, answer ALL questions unless otherwise directed.

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
C. Industrial Wastewater		
1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.</i>	☐ Yes ☒ No ☐ 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>	☐ Yes ☐ No
3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "Yes," go to Section III.D.</i>	☐ Yes ☐ No
4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "Yes," go to Section III.D.</i>	☐ Yes ☐ No
5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	☐ Yes ☐ No
6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	☐ Yes ☐ No
7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	☐ Yes ☐ No
D. Loading and Unloading of VOCs		
◆ 1.	The application area includes VOC loading operations.	☒ Yes ☐ 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>	☒ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
D. Loading and Unloading of VOCs (continued)		
◆ 3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐ Yes ☒ No
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>	☐ Yes ☒ No
◆ 2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	☐ Yes ☐ No
◆ 3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.</i>	☐ Yes ☐ 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>	☐ Yes ☐ No
◆ 5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐ Yes ☐ No
◆ 6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☐ Yes ☐ No
◆ 7.	At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "Yes," go to Section III.F.</i>	☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information

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For SOP applications, answer ALL questions unless otherwise directed.

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆ 8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "Yes," go to Section III.F.</i>	☐ Yes ☐ No
◆ 9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	☐ Yes ☐ No
◆ 10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	☐ Yes ☐ No
◆ 11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	☐ Yes ☐ No
◆ 12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	☐ Yes ☐ No
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆ 1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	☐ Yes ☐ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
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For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
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For SOP applications, answer ALL questions unless otherwise directed.

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
H. Control of Reid Vapor Pressure (RVP) of Gasoline		
◆ 1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.</i>	☐ Yes ☒ No ☐ N/A
◆ 2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	☐ Yes ☐ No
◆ 3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No
◆ 4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
	1. The application area is located at a petroleum refinery.	☐ Yes ☒ No
J. Surface Coating Processes (Complete this section for GOP applications only.)		
◆ 1.	Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	☐ Yes ☐ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
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For SOP applications, answer ALL questions unless otherwise directed.

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
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>	☐ Yes ☒ No ☐ N/A
2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	☐ Yes ☒ No ☐ N/A
3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ☒ No
4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "No," go to Section III.L.</i>	☐ Yes ☒ No
5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	☐ Yes ☐ No
6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐ Yes ☐ No
7.	The applicant using cutback asphalt is a state, municipal, or county agency.	☐ Yes ☐ No
L. 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>	☐ Yes ☐ No ☒ 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>	☐ Yes ☐ No ☐ N/A

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

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
◆ 3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No ☐ N/A
◆ 4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No ☐ N/A
◆ 5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No
◆ 6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ N/A
M. Petroleum Dry Cleaning Systems		
1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☐ No ☒ N/A

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◆ 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.	☐ Yes ☐ No ☒ 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>	☐ Yes ☐ No ☒ N/A
3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	☐ Yes ☐ No
4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.</i>	☐ Yes ☐ No
5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ☐ No
6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐ Yes ☐ No
7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ☐ No
O. Cooling Tower Heat Exchange Systems (HRVOC)		
1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	☐ Yes ☐ No ☒ N/A

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

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds		
A. Applicability		
◆ 1.	The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.</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>	☐ Yes ☒ 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>	☐ Yes ☒ 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>	☐ Yes ☒ 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>	☐ Yes ☐ No
2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	☐ Yes ☐ No

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

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆ 1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "No," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "No," go to Section IV.F.</i>	☐ Yes ☐ No
◆ 2.	The application area is located at a site that was a major source of NO _x before November 15, 1992.	☐ Yes ☐ No ☐ N/A
◆ 3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☐ No
D. Adipic Acid Manufacturing		
1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☐ No ☐ N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☐ No ☐ N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines		
◆ 1.	The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <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>	☐ Yes ☐ No
◆ 2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	☐ Yes ☐ No
◆ 3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	☐ Yes ☐ No

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

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)

F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)

◆ 4.	The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	☐ Yes ☐ No
◆ 5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.21010 or 30 TAC § 117.2110.	☐ Yes ☐ No
6.	The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "No," go to Section IV.G.</i>	☐ Yes ☐ No
7.	An ACSS for carbon monoxide (CO) has been approved?	☐ Yes ☐ No
8.	An ACSS for ammonia (NH ₃) has been approved?	☐ Yes ☐ No
9.	Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	

G. Utility Electric Generation in East and Central Texas

1.	The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "No," go to Question IV.H.1.</i>	☐ Yes ☐ No
2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ Yes ☐ No

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>	☐ Yes ☐ No
2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ Yes ☐ No

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

V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products

A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings

1.	The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐ Yes ☒ No
2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.</i>	☐ Yes ☒ No
3.	All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	☐ Yes ☐ No

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.	☐ Yes ☒ No
2.	The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	☐ Yes ☒ No
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.</i>	☐ Yes ☒ No
4.	All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	☐ Yes ☐ No

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

V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)		
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings		
1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ Yes ☒ 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>	☐ Yes ☒ No
3.	All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	☐ Yes ☐ No
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings		
1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ Yes ☒ No
2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☒ No
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>	☐ Yes ☒ No
2.	All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	☐ Yes ☐ No
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards		
A. Applicability		
◆ 1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "No," go to Section VII.</i>	☐ Yes ☒ No

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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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ Yes ☐ No
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.</i>	☐ Yes ☐ No ☐ N/A
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "No," go to Section VI.E.</i>	☐ Yes ☐ No
◆ 3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	☐ Yes ☐ No
◆ 4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	☐ Yes ☐ No

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

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

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

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

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

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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>	☐ Yes ☐ No
◆ 6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐ Yes ☐ No
◆ 7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
◆ 8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐ Yes ☐ No
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
◆ 1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <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>	☐ Yes ☐ No ☐ N/A
◆ 2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No

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

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

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

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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.	☐ Yes ☐ No
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	☐ Yes ☐ No
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆ 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	☐ Yes ☐ No
VII. 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>	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆ 1. The application area includes equipment in benzene service.	☐ Yes ☐ No ☐ N/A

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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>	☐ Yes ☐ No
2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	☐ Yes ☐ No
3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	☐ Yes ☐ No

E. Subpart M - National Emission Standard for Asbestos

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>	☐ Yes ☐ No

Roadway Construction

2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ Yes ☐ 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>	☐ Yes ☐ No
a.	Visible emissions are discharged to outside air from the manufacturing operation	☐ Yes ☐ No
b.	An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	☐ Yes ☐ No

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

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

Manufacturing Commercial Asbestos (continued)

c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
f.	A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles	☐ Yes ☐ No
g.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	☐ Yes ☐ No

Asbestos Spray Application

4.	The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "No," go to Question VII.E.5.</i>	☐ Yes ☐ 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>	☐ Yes ☐ No
b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No

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

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

Asbestos Spray Application (continued)

d.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
f.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ No
h.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	☐ Yes ☐ No

Fabricating Commercial Asbestos

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

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

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

Fabricating Commercial Asbestos (continued)

f.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ No
g.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	☐ Yes ☐ No

Non-sprayed Asbestos Insulation

6.	The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	☐ Yes ☐ No

Asbestos Conversion

7.	The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	☐ Yes ☐ 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.	☐ Yes ☐ 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>	☐ Yes ☐ No
2.	The application area includes benzene transfer operations at marine vessel loading racks.	☐ Yes ☐ No

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

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

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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>	☐ Yes ☐ 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>	☐ Yes ☐ No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No

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>	☐ Yes ☐ No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.</i>	☐ Yes ☐ 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>	☐ Yes ☐ No
21.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No

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

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

Individual Drain Systems (continued)

22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "No," go to Question VII.H.25.</i>	☐ Yes ☐ No
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐ Yes ☐ No
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No

Remediation Activities

25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ 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>	☒ Yes ☐ 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>	☒ Yes ☐ No

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

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

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

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

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

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>	☐ Yes ☐ No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	☐ Yes ☐ No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i>	☐ Yes ☐ No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	☐ Yes ☐ No
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>	☐ Yes ☐ No

Vapor Collection and Closed Vent Systems

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

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

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

Reloading or Cleaning of Railcars, Tank Trucks, or Barges

8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. ☐ Yes ☐ No

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

9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. ☐ Yes ☐ No

10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. ☐ Yes ☐ No

Transfer Racks

11. The application area includes Group 1 transfer racks that load organic HAPs. ☐ Yes ☐ No

Process Wastewater Streams

12. The application area includes process wastewater streams. ☐ Yes ☐ No

If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.

13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. ☐ Yes ☐ No

If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.

14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). ☐ Yes ☐ No

15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. ☐ Yes ☐ No

If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.

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

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

Process Wastewater Streams (continued)

16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	☐ Yes ☐ No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.</i>	☐ Yes ☐ No
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ No
20.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	☐ Yes ☐ No
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	☐ Yes ☐ No
22.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	☐ Yes ☐ No
23.	The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	☐ Yes ☐ No

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

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

Process Wastewater Streams (continued)

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

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

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

Drains

31.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.</i>	☐ Yes ☐ No
32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
33.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
34.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.</i>	☐ Yes ☐ No
35.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.</i>	☐ Yes ☐ No
36.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	☐ Yes ☐ No

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

C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer 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. ☐ Yes ☐ No

38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(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. ☐ Yes ☐ No

Gas Streams

39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. ☐ Yes ☐ No

40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). ☐ Yes ☐ No

D. 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. ☐ Yes ☒ No

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

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>	☐ Yes ☒ 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>	☐ Yes ☐ No
3.	The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	☐ Yes ☐ No
4.	The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	☐ Yes ☐ No

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

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

G. 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.	☐ Yes ☒ 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>	☐ Yes ☒ No
3.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i>	☐ Yes ☐ No

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry		
1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "No," go to Section VIII.I.</i>	☐ Yes ☒ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☐ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☐ No
6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "No," go to Section VIII.I.</i>	☐ Yes ☐ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ Yes ☐ No

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
Containers		
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
Drains		
12.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.</i>	☐ Yes ☐ No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "No," go to Section VIII.K.</i>	☐ Yes ☐ No
16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "No," go to Section VIII.K.</i>	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
Drains (continued)		
17.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ No
K. 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>	☐ Yes ☒ No ☐ N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
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>	☐ Yes ☒ No ☐ N/A
2.	The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	☐ Yes ☐ No
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.	☐ Yes ☒ No
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries		
Applicability		
1.	The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "No," go to Section VIII.O.</i>	☐ Yes ☒ No
2.	All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.</i>	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>
	☐ Yes ☐ No
4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>
	☐ Yes ☐ No
5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.
	☐ Yes ☐ No
6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.
	☐ Yes ☐ No
7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i>
	☐ Yes ☐ No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).
	☐ Yes ☐ No

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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 Question VIII.N.13.</i>	☐ Yes ☐ No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ Yes ☐ No
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).	☐ Yes ☐ 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).	☐ Yes ☐ No
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ Yes ☐ 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>	☐ Yes ☒ No ☐ N/A
2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☐ Yes ☐ No
3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	☐ Yes ☐ No

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

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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>	☐ Yes ☐ No
12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No
13.	VOHAP concentration is based on knowledge of the off-site material.	☐ Yes ☐ No
14.	The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.</i>	☐ Yes ☐ No
15.	An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☐ Yes ☐ No
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ Yes ☐ No
17.	The application area includes containers that manage non-exempt off-site material.	☐ Yes ☐ No
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐ Yes ☐ No

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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>	☐ Yes ☒ No ☐ N/A
2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ No

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

◆ 1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	☐ Yes ☒ No
◆ 2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <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>	☐ Yes ☒ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No

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

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

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

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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>	☐ Yes ☒ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ No
S. 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>	☐ Yes ☒ No ☐ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ No
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.	☐ Yes ☒ No ☐ 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>	☐ Yes ☒ No
2.	The application area includes containers using Container Level 1 controls.	☐ Yes ☐ No
3.	The application area includes containers using Container Level 2 controls.	☐ Yes ☐ No

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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.	☐ Yes ☐ No
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	☐ Yes ☒ No
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	☐ Yes ☒ No
2. 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>	☐ Yes ☒ No
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	☐ Yes ☐ No
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	☐ Yes ☐ No
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	☐ Yes ☐ No
6. 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>	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
9.	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>	☐ Yes ☐ No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
12.	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>	☐ Yes ☐ No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No

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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>	☐ Yes ☐ No
16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>	☐ Yes ☐ No
17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No

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

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

19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ No
20.	The application area includes an ethylene production process unit.	☐ Yes ☒ No ☐ N/A
21.	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>	☐ Yes ☒ No ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No

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

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).	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ 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>	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
36.	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>	☐ Yes ☐ 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>	☐ Yes ☐ No

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

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>	☐ Yes ☐ No
39.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
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>	☐ Yes ☐ 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.	☐ Yes ☐ No
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No

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

46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
47.	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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No
50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
51.	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>	☐ Yes ☐ No
52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐ Yes ☐ No

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

53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54.	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>	☐ Yes ☒ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ 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>	☐ Yes ☒ 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>	☐ Yes ☐ 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>	☐ Yes ☐ 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>	☐ Yes ☐ No

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

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

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.	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No
8.	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>	☐ Yes ☐ 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>	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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>	☐ Yes ☐ No

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

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

13.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No

Containers

14.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No

Drains

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>	☐ Yes ☐ 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.	☐ Yes ☐ No

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

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

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

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

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>	☐ Yes ☐ No
20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	☐ Yes ☐ No
21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No
22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	☐ Yes ☐ No

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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.	☐ Yes ☒ No

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

◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	☐ Yes ☒ No

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

1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	☒ Yes ☐ No
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☒ Yes ☐ No
3. 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>	☒ Yes ☐ 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>	☒ Yes ☐ No

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

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

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

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

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

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

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

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

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

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

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.	☐ Yes ☒ 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>	☒ Yes ☐ 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>	☒ Yes ☐ No
3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i>	☐ Yes ☒ No
4. All site remediation activities are complete, and the Administrator has been notified in writing. <i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i>	☐ Yes ☒ No
5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i>	☐ Yes ☒ No
6. The site remediation will be completed within 30 consecutive calendar days.	☒ Yes ☐ No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	☐ Yes ☒ No
8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☒ Yes ☐ No
9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i>	☒ Yes ☐ No

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

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

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

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

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

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

EE. Subpart 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>	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ Yes ☐ No
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ Yes ☐ No

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

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

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

11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	☐ Yes ☐ No

FF. Subpart 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>	☐ Yes ☒ 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>	☐ Yes ☐ No
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ No
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	☐ Yes ☐ No

GG. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <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>	☐ Yes ☒ No
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

40 CFR Part 63, Subpart EEEE (OLD MACT); 40 CFR Part 63, Subpart ZZZZ (RICE MACT)

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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.	☒ Yes ☐ 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.	☐ Yes ☒ NO ☐ 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.	☐ Yes ☒ NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆	1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	☐ Yes ☒ No ☐ N/A
D. Subpart D - Federal Procurement		
◆	1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆	1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	☐ Yes ☒ No ☐ N/A
◆	2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ N/A
◆	3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	☐ Yes ☒ No ☐ N/A

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For SOP applications, answer ALL questions unless otherwise directed.

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

X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)		
F. Subpart F - Recycling and Emissions Reduction		
◆ 1.	Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	☒ Yes ☐ No
◆ 2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☒ Yes ☐ No ☐ N/A
◆ 3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ☒ No ☐ N/A
G. Subpart G - Significant New Alternatives Policy Program		
◆ 1.	The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.</i>	☐ Yes ☒ No ☐ N/A
◆ 2.	All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	☐ Yes ☐ No ☐ N/A
H. Subpart H -Halon Emissions Reduction		
◆ 1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☐ Yes ☒ No ☐ N/A
◆ 2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☐ Yes ☒ No ☐ N/A
XI. 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.	☒ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.

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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>	☒ Yes ☐ No ☐ N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
40 CFR Part 63, Subpart FFFF (MON) - Fugitives	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	☒ Yes ☐ No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☒ No
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ No
3. 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>	☐ Yes ☒ 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>	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆ 1.	The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i>	☐ Yes ☒ 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>	☐ Yes ☐ No
◆ 3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐ Yes ☐ No
◆ 4.	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i>	☐ Yes ☐ No
5.	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	☐ Yes ☐ No
6.	Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆ 7.	At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	☐ Yes ☐ No
◆ 8.	All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i>	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆ 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>	☒ Yes ☐ No ☐ ~~Yes~~ ☒ ~~No~~
◆ 2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☒ Yes ☐ No ☐ ~~Yes~~ ☐ ~~No~~
◆ 3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☒ Yes ☐ No ☐ ~~Yes~~ ☐ ~~No~~
◆ 4.	The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
◆ 5.	The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
◆ 6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
◆ 7.	The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~

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For SOP applications, answer ALL questions unless otherwise directed.

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~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>	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ No ☐ ~~Yes~~ ☐ ~~No~~
C. Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☒ No
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

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

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
3373	07/17/2023 09/30/2020				
168518	04/04/2022				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	09/04/2000	106.472	09/04/2000		
106.261	11/01/2003	106.495	09/04/2000		
106.262	09/04/2000	106.511	03/14/1997		
106.262	11/01/2003	106.511	09/04/2000		
106.263	11/01/2001	106.532	03/14/1997		
106.371	09/04/2000	89	01/08/1980		
106.373	09/04/2000	99	01/08/1980		
106.393	09/04/2000				
106.454	11/01/2001				

◆ **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

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Table 1a: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

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)
	05BLN008	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.i, 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(c), (c)(2), 63.983(a)(1)-(2), (d)(1), (d)(1)(i), [G]63.983(d)(2), (d)(3), 63.988(a)(1)-(2), 63.996(c)(1)-(2), (c)(2)(i), (c)(3)-(6), [G]63.997(c)(1), (c)(3), [G](d)
	05BLN009	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.i, 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(c), (c)(2), 63.983(a)(1)-(2), (d)(1), (d)(1)(i), [G]63.983(d)(2), (d)(3), 63.988(a)(1)-(2), 63.996(c)(1)-(2), (c)(2)(i), (c)(3)-(6), [G]63.997(c)(1), (c)(3), [G](d)
	05CLT021	OP-UA13	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2490(a)-Table 10, 63.104(a), [G](d), 63.104(e), (e)(1), [G](e)(2), 63.2490(a)-(c)
	05DEG208	OP-UA16	R5412-01	VOC	30 TAC Chapter 115, Degreasing Processes	115.412(1), 115.411(1)-(2), [G]115.412(1)(A), (1)(C)-(D), [G](1)(F)
	05FLR040	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	05FLR040	OP-UA7	63A-01	Opacity	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), 63.11(b)(6)(ii), (b)(7)(i)
	05FLR110	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(2)

Applicable Requirements Summary
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Table 1a: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

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)
	05FLR110	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.11(b), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(b), 63.983(a)(1)-(2), (d)(1), 63.983(d)(1)(i), [G](d)(2), (d)(3), 63.987(a), (b)(1), (b)(3), [G]63.997(c)(1), 63.997(c)(3)
	05FLT051	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(2)
	05FLT051	OP-UA15	R5121-02	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(3)
	05FLT051	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.i, 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(c), (c)(2), 63.983(a)(1)-(2), (d)(1), (d)(1)(i), [G]63.983(d)(2), (d)(3), 63.988(a)(1)-(2), 63.996(c)(1)-(2), (c)(2)(i), (c)(3)-(6), [G]63.997(c)(1), (c)(3), [G](d)
	05FUG	OP-UA1	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2480(a)
	05GEN003	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	05GEN003	OP-UA2	60IIII-01	NMHC + NO _x	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(2), 60.4206, 60.4207(b), 60.4211(a), (c), (f), 60.4218, 1039-Appendix I

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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)
	05GEN003	OP-UA2	60IIII-01	CO	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(2), 60.4206, 60.4207(b), 60.4211(a), (c), (f), 60.4218, 1039-Appendix I
	05GEN003	OP-UA2	60IIII-01	PM	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(2), 60.4206, 60.4207(b), 60.4211(a), (c), (f), 60.4218, 1039-Appendix I
	05INC-030VNT	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), 111.111(a)(1)(E)
	05LRC031A	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(b)(1), 115.212(b)(1)(A), (b)(2), 115.212(b)(3)(A), (b)(3)(A)(i), (b)(3)(B), [G]115.212(b)(3)(C), (b)(3)(D)-(E), 115.214(b)(1)(B)-(C)
	05LRC031A	~~OP-UA4~~ ~~OP-UA1~~	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	~~63.2343(a)~~ ~~63.2338(b)~~
	05LRC031B	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(b)(1), 115.212(b)(1)(A), (b)(2), 115.212(b)(3)(A), (b)(3)(A)(i), (b)(3)(B), [G]115.212(b)(3)(C), (b)(3)(D)-(E), 115.214(b)(1)(B)-(C)
	05LRC031B	OP-UA4	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2475(a)-Table 5.1.a, 63.2450(b), 63.2475(a), 63.982(c), (c)(2), 63.983(a)(1)-(2), (d)(1), (d)(1)(i), [G]63.983(d)(2), (d)(3), 63.988(a)(1)-(2), 63.996(c)(1)-(2), (c)(2)(i), (c)(3)-(6), [G]63.997(c)(1), (c)(3), [G](d)

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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)
	05LRC041C	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LRC041C	~~OP-UA4~~ ~~OP-UA1~~	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	~~63.2338(b)~~ 63.2343(a)
	05LTC051	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.214(b)(1)(B), 115.214(b)(1)(D), (b)(1)(D)(i)
	05LTC052	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTC053	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTC200	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTR019	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(3)(A), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTR020	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(3)(A), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTR022A	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTR036	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(b)(3), 115.212(b)(2), (b)(3)(A), 115.212(b)(3)(A)(i), (b)(3)(B), [G]115.212(b)(3)(C), (b)(3)(D), 115.214(b)(1)(B)-(C)

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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)
	05LTR036	~~OP-UA4~~ ~~OP-UA1~~	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	~~63.2343(a)~~ ~~63.2338(b)~~
	05LTR037A	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTR039A	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05LTR043B	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.214(b)(1)(B), 115.214(b)(1)(D), (b)(1)(D)(i)
	05OVN-032	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(b)(2)(A), (b)(2)
	05OVN-032A	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(b)(2)(A), (b)(2)
	05RSY207	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(2)
	05RSY207	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.11(b), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(b), 63.983(a)(1)-(2), (d)(1), 63.983(d)(1)(i), [G](d)(2), (d)(3), 63.987(a), (b)(1), (b)(3), [G]63.997(c)(1), 63.997(c)(3)
	05SEP051A	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.137(b)(2)

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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)
	05TFL018	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1), 115.112(b)(2), 115.112(b)(2)(A)-(E), 115.214(b)(1)(A)
	05TFL018	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.i, 63.1062(a), 63.1062(a)(1), 63.1063(a)(1)(i), 63.1063(a)(1)(i)(B), (a)(2)(i)-(vii), 63.1063(a)(2)(ix), (b)(1)-(5), (e)(1)-(2), 63.2470(a)
	05TFL022	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1), 115.112(b)(2), 115.112(b)(2)(A)-(E), 115.214(b)(1)(A)
	05TFL022	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.i, 63.1062(a), 63.1062(a)(1), 63.1063(a)(1)(i), 63.1063(a)(1)(i)(B), (a)(2)(i)-(vii), 63.1063(a)(2)(ix), (b)(1)-(5), (e)(1)-(2), 63.2470(a)
	05TFL023	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1), 115.112(b)(2), 115.112(b)(2)(A)-(E), 115.214(b)(1)(A)
	05TFL023	OP-UA3	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2470(a)-Table 4.1.b.i, 63.1062(a), 63.1062(a)(1), 63.1063(a)(1)(i), 63.1063(a)(1)(i)(B), (a)(2)(i)-(vii), 63.1063(a)(2)(ix), (b)(1)-(5), (e)(1)-(2), 63.2470(a)
	05TFX043	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(b)(1), 115.116(b)(1)

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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)
	05TRC041D	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(2), 115.212(b)(2), 115.214(b)(1)(B), (b)(1)(D), (b)(1)(D)(i)
	05TRC041D	~~OP-UA4~~ ~~OP-UA1~~	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	~~63.2338(b)~~ 63.2343(a)
	GRP05COM-VNT	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), 111.111(a)(1)(E)
	GRP05COM2	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table 2c.9, 63.6595(a)(1), (c), 63.6605(a)-(b), 63.6625(h), 63.6630(a), 63.6640(b)
	GRP05CS010	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(2)
	GRP05CS010	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.11(b), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(b), 63.983(a)(1)-(2), (d)(1), 63.983(d)(1)(i), [G](d)(2), (d)(3), 63.987(a), (b)(1), (b)(3), [G]63.997(c)(1), 63.997(c)(3)
	GRP05VT003N	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(1)

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Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

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)
	GRP05VT003N	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.i, 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(c), (c)(2), 63.983(a)(1)-(2), (d)(1), (d)(1)(i), [G]63.983(d)(2), (d)(3), 63.988(a)(1)-(2), 63.996(c)(1)-(2), (c)(2)(i), (c)(3)-(6), [G]63.997(c)(1), (c)(3), [G](d)
	GRP05VT009	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(b), 115.121(b), 115.122(b)(2)
	GRP05VT009	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.11(b), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.982(b), 63.983(a)(1)-(2), (d)(1), 63.983(d)(1)(i), [G](d)(2), (d)(3), 63.987(a), (b)(1), (b)(3), [G]63.997(c)(1), 63.997(c)(3)
	PRO-F UNIT	OP-UA60	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2440(a), 63.2450(a), (l)

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Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05BLN008	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), (g)(4) 63.2450(k)(6), 63.983(b), [G](b)(1)-(3), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.988(b)(1), (c)(1), 63.996(b)(1), (b)(1)(i), (b)(2), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), (c)(3)(iii), [G]63.997(d), (e), (e)(1)(i), [G]63.997(e)(1)(iv)-(v), (e)(2), (e)(2)(i) [G]63.997(e)(2)(i)(A), (e)(2)(ii), 63.997(e)(2)(iv), (e)(2)(iv)(A), [G]63.997(e)(2)(iv)(B), 63.997(e)(2)(iv)(C)-(D), 63.997(e)(2)(iv)(F)-(G), (e)(2)(iv)(H)	63.2450(k)(6), 63.2525(g)-(h), 63.983(b), [G](d)(2), 63.988(b)(1), 63.996(c)(2)(ii), 63.998(a)(2)(i), 63.998(a)(2)(ii)(A), (a)(2)(ii)(B)(1), 63.998(a)(2)(ii)(B)(4), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(q), 63.988(b)(1), 63.996(b)(2), (c)(6), 63.997(c)(3), 63.998(a)(2)(ii)(A), [G](b)(3), [G]63.999(a)(1)-(2), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i), 63.999(c)(6), [G](c)(6)(i), 63.999(c)(6)(iv)

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05BLN009	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), (g)(4) 63.2450(k)(6), 63.983(b), [G](b)(1)-(3), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.988(b)(1), (c)(1), 63.996(b)(1), (b)(1)(i), (b)(2), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), (c)(3)(iii), [G]63.997(d), (e), (e)(1)(i), [G]63.997(e)(1)(iv)-(v), (e)(2), (e)(2)(i) [G]63.997(e)(2)(i)(A), (e)(2)(ii), 63.997(e)(2)(iv), (e)(2)(iv)(A), [G]63.997(e)(2)(iv)(B), 63.997(e)(2)(iv)(C)-(D), 63.997(e)(2)(iv)(F)-(G), (e)(2)(iv)(H)	63.2450(k)(6), 63.2525(g)-(h), 63.983(b), [G](d)(2), 63.988(b)(1), 63.996(c)(2)(ii), 63.998(a)(2)(i), 63.998(a)(2)(ii)(A), (a)(2)(ii)(B)(1), 63.998(a)(2)(ii)(B)(4), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(q), 63.988(b)(1), 63.996(b)(2), (c)(6), 63.997(c)(3), 63.998(a)(2)(ii)(A), [G](b)(3), [G]63.999(a)(1)-(2), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i), 63.999(c)(6), [G](c)(6)(i), 63.999(c)(6)(iv)
	05CLT021	63FFFF-01	HAPS	[G]63.104(c)	[G]63.104(c), [G](e)(2), [G](f)(1)	[G]63.104(f)(2)
	05DEG208	R5412-01	VOC	[G]115.415(1), (3)	NONE	NONE
	05FLR040	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	05FLR040	63A-01	Opacity	63.11(b)(4)-(5), (b)(7)(i)	NONE	NONE

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05FLR110	R5121-01	VOC	[G]115.125, 115. 126(1), (1)(C), 115.126(2)	115.126, (1), (1)(C)	NONE
	05FLR110	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(b), [G](b)(1)-(3), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(i)-(ii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.983(b), [G](d)(2), 63.987(b)(1), 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(d)(1), (d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.987(b)(1), 63.997(c)(3), 63.998(a)(1)(iii)(A), [G](b)(3), [G]63.999(a)(1)-(2), (b)(5), (c)(1), 63.999(c)(2)(i), (c)(3), (c)(6), 63.999(c)(6)(iv), [G](d)(1)-(2)
	05FLT051	R5121-01	VOC	[G]115.125, 115. 126(1), (1)(C), 115.126(2)	115.126, (1), (1)(C), (2)	NONE
	05FLT051	R5121-02	VOC	[G]115.125, 115. 126(1), (1)(C), 115.126(2)	115.126, (1), (1)(C), (2)	NONE

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Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05FLT051	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), 63.2450(g)(4), (k)(6), 63.983(b), [G]63.983(b)(1)-(3), [G](c)(1), 63.983(c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.988(b)(1), 63.988(c)(1), 63.996(b)(1), 63.996(b)(1)(i), (b)(2), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(iii), [G](d), (e), 63.997(e)(1)(i), [G](e)(1)(iv)-(v), 63.997(e)(2), (e)(2)(i), [G]63.997(e)(2)(i)(A), (e)(2)(ii), 63.997(e)(2)(iv), (e)(2)(iv)(A), [G]63.997(e)(2)(iv)(B), 63.997(e)(2)(iv)(C)-(D), 63.997(e)(2)(iv)(F)-(G), 63.997(e)(2)(iv)(H)	63.2450(k)(6), 63.2525(g)-(h), 63.983(b), [G](d)(2), 63.988(b)(1), 63.996(c)(2)(ii), 63.998(a)(2)(i), 63.998(a)(2)(ii)(A), 63.998(a)(2)(ii)(B)(1), 63.998(a)(2)(ii)(B)(4), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(q), 63.988(b)(1), 63.996(b)(2), (c)(6), 63.997(c)(3), 63.998(a)(2)(ii)(A), [G](b)(3), [G]63.999(a)(1)-(2), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i), 63.999(c)(6), [G](c)(6)(i), 63.999(c)(6)(iv)
	05FUG	63FFFF-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	05GEN003	63ZZZZ-01	HAPS	NONE	NONE	NONE
	05GEN003	60IIII-01	NMHC + NO _x	NONE	NONE	60.4214(d)
	05GEN003	60IIII-01	CO	NONE	NONE	60.4214(d)

Applicable Requirements Summary
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Federal Operating Permit Program
Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05GEN003	60IIII-01	PM	NONE	NONE	60.4214(d)
	05INC-030VNT	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	05LRC031A	R5211-01	VOC	115.212(b)(3)(B), [G](b)(3)(C), 115.214(b)(1)(A), (b)(1)(A)(i)-(iii), 115.215, (1), (10), [G](2), (4)-(5), 115.215(8)-(9), 115.216(1), (1)(A), 115.216(1)(A)(i)	115.216, (1), (1)(A), (1)(A)(i) 115.216(2), (3)(A), 115.216(3)(A)(i)-(iii), (3)(B)	NONE
	05LRC031A	63EEEE-01	HAPS	NONE General High Level Applicability	63.2343(a) General High Level Applicability	NONE General High Level Applicability
	05LRC031B	R5211-01	VOC	115.212(b)(3)(B), [G](b)(3)(C), 115.214(b)(1)(A), (b)(1)(A)(i)-(iii), 115.215, (1), (10), [G](2), (4)-(5), 115.215(8)-(9), 115.216(1), (1)(A), 115.216(1)(A)(i)	115.216, (1), (1)(A), (1)(A)(i) 115.216(2), (3)(A), 115.216(3)(A)(i)-(iii), (3)(B)	NONE

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

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05LRC031B	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), 63.2450(g)(4), (k)(6), 63.983(b), [G]63.983(b)(1)-(3), [G](c)(1), 63.983(c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.988(b)(1), 63.988(c)(1), 63.996(b)(1), 63.996(b)(1)(i), (b)(2), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(iii), [G](d), (e), 63.997(e)(1)(i), [G](e)(1)(iv)-(v), 63.997(e)(2), (e)(2)(i), [G]63.997(e)(2)(i)(A), (e)(2)(ii), 63.997(e)(2)(iv), (e)(2)(iv)(A), [G]63.997(e)(2)(iv)(B), 63.997(e)(2)(iv)(C)-(D), 63.997(e)(2)(iv)(F)-(G), 63.997(e)(2)(iv)(H)	63.2450(k)(6), 63.2525(g)-(h), 63.983(b), [G](d)(2), 63.988(b)(1), 63.996(c)(2)(ii), 63.998(a)(2)(i), 63.998(a)(2)(ii)(A), 63.998(a)(2)(ii)(B)(1), 63.998(a)(2)(ii)(B)(4), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(q), 63.988(b)(1), 63.996(b)(2), (c)(6), 63.997(c)(3), 63.998(a)(2)(ii)(A), [G](b)(3), [G]63.999(a)(1)-(2), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i), 63.999(c)(6), [G](c)(6)(i), 63.999(c)(6)(iv)
	05LRC041C	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05LRC041C	63EEEE-01	HAPS	NONE General High Level Applicability	63.2343(a) General High Level Applicability	NONE General High Level Applicability
	05LTC051	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE

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Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05LTC052	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05LTC053	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05LTC200	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05LTR019	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B), (3)(D)	NONE
	05LTR020	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B), (3)(D)	NONE
	05LTR022A	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05LTR036	R5211-01	VOC	115.212(b)(3)(B), [G](b)(3)(C), 115.214(b)(1)(A), (b)(1)(A)(i)-(iii)	115.216, (3)(A), 115.216(3)(A)(i)-(iii)	NONE
	05LTR036	63EEEE-01	HAPS	NONE General High Level Applicability	63.2343(a) General High Level Applicability	NONE General High Level Applicability
	05LTR037A	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05LTR039A	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE

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Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05LTR043B	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05OVN-032	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	05OVN-032A	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	05RSY207	R5121-01	VOC	[G]115.125, 115.126(1), (1)(C), (2)	115.126, (1), (1)(C), (2)	NONE
	05RSY207	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(b), [G](b)(1)-(3), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(i)-(ii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.983(b), [G](d)(2), 63.987(b)(1), 63.987(c), 63.998(a)(1), [G](a)(1)(i) 63.998(a)(1)(ii), 63.998(a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G]63.998(b)(5), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.987(b)(1), 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), (c)(3), 63.999(c)(6), (c)(6)(iv), [G](d)(1)-(2)
	05SEP051A	R5131-01	VOC	[G]115.135(b), 115.136(b)(1), 115.136(b)(3)-(4)	115.136(b)(1), (b)(3)-(4)	NONE
	05TFL018	R5112-01	VOC	115.114(b)(1)(A), [G]115.117	115.118(b)(2), (b)(4)-(5)	115.114(b)(1)(B)
	05TFL018	63FFFF-01	HAPS	63.1063(c)(1), [G](c)(1)(i), [G]63.1063(d)(1), (d)(2)	63.1063(e)(2), 63.1065, (a), [G]63.1065(b)(1), (c)-(d)	[G]63.1066(a), (b)(1)-(2), (b)(4), 63.2450(q)

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Federal Operating Permit Program
Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	05TFL022	R5112-01	VOC	115.114(b)(1)(A), [G]115.117	115.118(b)(2), (b)(4)-(5)	115.114(b)(1)(B)
	05TFL022	63FFFF-01	HAPS	63.1063(c)(1), [G](c)(1)(i), [G]63.1063(d)(1), (d)(2)	63.1063(e)(2), 63.1065, (a), [G]63.1065(b)(1), (c)-(d)	[G]63.1066(a), (b)(1)-(2), (b)(4), 63.2450(q)
	05TFL023	R5112-01	VOC	115.114(b)(1)(A), [G]115.117	115.118(b)(2), (b)(4)-(5)	115.114(b)(1)(B)
	05TFL023	63FFFF-01	HAPS	63.1063(c)(1), [G](c)(1)(i), [G]63.1063(d)(1), (d)(2)	63.1063(e)(2), 63.1065, (a), [G]63.1065(b)(1), (c)-(d)	[G]63.1066(a), (b)(1)-(2), (b)(4), 63.2450(q)
	05TFX043	R5112-01	VOC	115.115(b), (b)(1), [G]115.117	115.118(b)(3), (b)(3)(A), 115.118(b)(4)-(5)	NONE
	05TRC041D	R5211-01	VOC	115.214(b)(1)(A), (b)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	05TRC041D	63EEEE-01	HAPS	NONE General High Level Applicability	63.2343(a) General High Level Applicability	NONE General High Level Applicability
	GRP05COM-VNT	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	GRP05COM2	63ZZZZ-01	HAPS	63.6612(a), [G](b), 63.6620(a), 63.6620(a)-Table 4.3.a.i-iii, 63.6620(a)-Table 4.3.a.v, (b), (d), [G]63.6620(e)(2), 63.6630(a)-Table 5.12.a.i, 63.6635(a)-(b), 63.6640(b)	63.6620(i), 63.6635(a), (c), 63.6655(a), (a)(1)-(5), 63.6660(a)-(c)	63.6620(i), 63.6630(c), 63.6640(b), (e), 63.6645(a), (g)-(h), 63.6650(a), 63.6650(a)-Table 7.1.a.i, Table 7.1.b-c, 63.6650(b), (b)(1)-(4), [G](c)-(d), (f)

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Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP05CS010	R5121-01	VOC	[G]115.125, 115.126(1), (1)(C), (2)	115.126, (1), (1)(C), (2)	NONE
	GRP05CS010	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(b), [G](b)(1)-(3), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(i)-(ii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.983(b), [G](d)(2), 63.987(b)(1), 63.987(c), 63.998(a)(1), [G](a)(1)(i) 63.998(a)(1)(ii), 63.998(a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G]63.998(b)(5), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.987(b)(1), 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), (c)(3), 63.999(c)(6), (c)(6)(iv), [G](d)(1)-(2)
	GRP05VT003N	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), 115.126(1)(A)(i), (2)	NONE

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Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP05VT003N	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.2450(g), (g)(1)-(2), [G](g)(3), 63.2450(g)(4), (k)(6), 63.983(b), [G]63.983(b)(1)-(3), [G](c)(1), 63.983(c)(2)-(3), (d)(1), 63.983(d)(1)(ii), 63.988(b)(1), 63.988(c)(1), 63.996(b)(1), 63.996(b)(1)(i), (b)(2), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(iii), [G](d), (e), 63.997(e)(1)(i), [G](e)(1)(iv)-(v), 63.997(e)(2), (e)(2)(i), [G]63.997(e)(2)(i)(A), (e)(2)(ii), 63.997(e)(2)(iv), (e)(2)(iv)(A), [G]63.997(e)(2)(iv)(B), 63.997(e)(2)(iv)(C)-(D), 63.997(e)(2)(iv)(F)-(G), 63.997(e)(2)(iv)(H)	63.2450(k)(6), 63.2525(g)-(h), 63.983(b), [G](d)(2), 63.988(b)(1), 63.996(c)(2)(ii), 63.998(a)(2)(i), 63.998(a)(2)(ii)(A), 63.998(a)(2)(ii)(B)(1), 63.998(a)(2)(ii)(B)(4), [G]63.998(b)(1)-(3), [G](b)(5), [G]63.998(c)(1), (c)(2)(iii), 63.998(c)(3)(iii), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(q), 63.988(b)(1), 63.996(b)(2), 63.996(c)(6), 63.997(c)(3), 63.998(a)(2)(ii)(A), [G](b)(3), [G]63.999(a)(1)-(2), [G](b)(3), 63.999(b)(5), (c)(1), (c)(2)(i), 63.999(c)(6), [G](c)(6)(i), 63.999(c)(6)(iv)
	GRP05VT009	R5121-01	VOC	[G]115.125, 115.126(1), (1)(C), (2)	115.126, (1), (1)(C), (2)	NONE

Applicable Requirements Summary
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Federal Operating Permit Program
Table 1b: Additions

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP05VT009	63FFFF-01	HAPS	[G]63.115(d)(2)(v), (d)(3)(iii), 63.983(b), [G](b)(1)-(3), [G]63.983(c)(1), (c)(2)-(3), (d)(1), 63.983(d)(1)(ii), [G]63.987(b)(3)(i), (b)(3)(ii)-(iv), 63.987(c), 63.997(a) [G]63.997(c)(1), (c)(2)-(3), 63.997(c)(3)(i)-(ii)	63.2450(f)(2), (f)(2)(i)-(ii), 63.983(b), [G](d)(2), 63.987(b)(1), 63.987(c), 63.998(a)(1), [G](a)(1)(i) 63.998(a)(1)(ii), 63.998(a)(1)(iii)(A)-(B), [G]63.998(b)(1)-(3), [G]63.998(b)(5), [G](d)(1), 63.998(d)(3)(i)-(ii), (d)(5)	63.2450(f)(2)(ii), (q), 63.987(b)(1), 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), (c)(3), 63.999(c)(6), (c)(6)(iv), [G](d)(1)-(2)
	PRO-F UNIT	63FFFF-01	HAPS	63.2445(d)	63.2525, (a), [G](b), (c), (f), 63.2525(j)	63.2435(d), 63.2445(c), 63.2450(g)(5), 63.2450(m), (m)(1)-(2), 63.2515(a), 63.2515(b)(1), (c), 63.2520(a), [G](b)-(d) 63.2520(e), (e)(1), [G](e)(10), (e)(2)-(5), 63.2520(e)(5)(i), [G](e)(5)(ii)-(iii), 63.2520(e)(6)-(7), (e)(9)

Section 4 – Compliance Certification Forms

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

Date: September 10, 2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company		Area Name: F-Unit Copolymers

- 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	
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.	
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?	☒ YES ☐ NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ☒ NO
3. If the response to Item B.2, above, is “Yes,” indicate the total number of Part 2 attachments included in this submittal. (For reference only)	
* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122. Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.	

Section 5 – Permits by Rule Supplemental Table

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

Date	Permit Number	Regulated Entity Number
September 10, 2025	O1903	RN110741337

Unit ID No.	Registration No.	PBR No.	Registration Date
05COM-13 05COM-14	125301	106.261	01/16/2015
05FUG	146013	106.261	05/03/2017
05INC-030VNT	72144	106.261 106.262 106.393	02/28/2003
05OVN-032 05OVN-032A	78699	106.495	05/18/2006
05FLR040	181049	106.261 106.262	08/15/2025
05BIN027 05BIN028	117087	106.261	02/27/2014

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
September 10, 2025	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date
<i>PRO-F UNIT</i>	<i>89</i>	<i>01/08/1980</i>
<i>PRO-F UNIT</i>	<i>99</i>	<i>01/08/1980</i>
<i>05CLT021A</i>	<i>106.371</i>	<i>09/04/2000</i>
<i>PRO-F UNIT</i> <i>MRU-TEMP</i>	<i>106.373</i>	<i>09/04/2000</i>
<i>05DEG208</i>	<i>106.454</i>	<i>11/01/2001</i>
<i>05SEP051A</i> <i>05TOT024B</i>	<i>106.532</i>	<i>03/14/1997</i>
<i>05LTC051</i> <i>05LTC052</i> <i>05LTC053</i> <i>05TLC200</i> <i>05LTR038A</i> <i>05LTR039A</i>	<i>05LTR44</i> <i>05SEP053</i> <i>05TFX039</i> <i>05TFX214</i> <i>05TFX216</i> <i>106.472</i>	<i>09/04/2000</i>
<i>PRO-F UNIT</i>	<i>106.263</i>	<i>11/01/2001</i>
<i>05GEN003</i>	<i>106.511</i>	<i>09/04/2000</i>

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

Date	Permit Number	Regulated Entity Number
September 10, 2025	O1903	RN110741337

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
September 10, 2025	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05COM-13 05COM-14	106.261	125301	Natural gas usage for compressors is monitored
05FUG	106.261	146013	Monitoring is performed for fugitive emission components
05INC-030VNT	106.261 106.262 106.393	72144	Throughput for equipment is tracked
05OVN-032 05OVN-032A	106.495	78699	Hours of operation for screenpack burners is tracked
05FLR040	106.261 106.262	181049	Supplemental fuel usage is tracked
05BIN027 05BIN028	106.261	117087	Throughput for equipment is tracked
PRO-F UNIT	89	01/08/1980	Maintain operating hours and paint usage to ensure emissions are less than 4 lb/hr and 300 lb/week
PRO-F UNIT	99	01/08/1980	Maintain records to demonstrate the vessel maintains working pressure at all times
05CLT021A	106.371	09/04/2000	Hours of operation and circulating rates are monitored and tracked
PRO-F UNIT MRU-TEMP	106.373	09/04/2000	Records are maintained for refrigerants
05DEG208	106.454	11/01/2001	Hours of operation for equipment is tracked

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
September 10, 2025	O1903	RN110741337

Unit ID No.		PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05SEP051A 05TOT024B		106.532	03/14/1997	Throughput for equipment is tracked
05LTC051 05LTC052 05LTC053 05TLC200 05LTR038A 05LTR039A	05LTR44 05SEP053 05TFX039 05TFX214 05TFX216	106.472	09/04/2000	Unloading activities are tracked
PRO-F UNIT		106.263	11/01/2001	Emissions associated with maintenance activities are tracked
05GEN003		106.511	09/04/2000	Hours of operation are tracked

From: Thishan Karandana <Thishan.Karandana@tceq.texas.gov>

Sent: Wednesday, October 1, 2025 2:08 PM

To: Pena, Shawn (S) <Shawn.Pena@dow.com>

Subject: Technical Review -- FOP O1903/Project 38869, The Dow Chemical Company/Dow Victoria Site/F-Unit Copolymers

Dear Mr. Pena:

I have been assigned to the Federal Operating Permit (FOP) minor revision application of Permit No. O1903 for The Dow Chemical Company, Dow Victoria Site, F-Unit Copolymers. This application has been assigned Project No. 38869. 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_facts

[heet.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,

Thishan D. Karandana G.

Permit Reviewer

Operating Permit Section (Title V)

Air Permits Division

Texas Commission on Environmental Quality

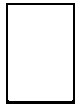
MC-163, P.O. Box 13087

Austin, TX 78711-3087

thishan.karandana@tceq.texas.gov

Phone: (512) 239-3374

Fax: (512) 239-1400



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

Miguel Gallegos

From: Miguel Gallegos
Sent: Wednesday, September 10, 2025 10:23 AM
To: Pena, Shawn (S)
Subject: RE: The Dow Chemical Company - Revision to SOP O1903, Project 38869
Attachments: 20250825-01_Copy of Record.pdf

Hello, Shawn

Thanks for your follow up. I entered Nicholas Miller as DAR and certified the application per the STEERS Copy of Record. Please keep in mind that John Sampson will remain RO in the permit record as shown below until I receive an OP-CRO2 designating Nicholas Miller as the new RO as he is listed in the STEERS Copy of Record.

Miguel Gallegos

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



From: Pena, Shawn (S) <Shawn.Pena@Dow.com>
Sent: Wednesday, September 10, 2025 8:55 AM
To: Miguel Gallegos <miguel.gallegos@tceq.texas.gov>
Subject: FW: The Dow Chemical Company - Revision to SOP O1903, Project 38869

Good morning Mr. Gallegos,

I wanted to make sure that the concerns in the previous emails were addressed. Please let me know if there were any additional questions regarding project 38869.

Thank you,
Shawn Pena
Environmental Specialist
361-553-3401

From: Pena, Shawn (S) <shawn.pena@dow.com>

Sent: Monday, September 8, 2025 4:43 PM

To: Miguel Gallegos <miguel.gallegos@tceq.texas.gov>

Cc: Miller, Nicholas (NJ) <NJMiller@dow.com>

Subject: RE: The Dow Chemical Company - Revision to SOP O1903, Project 38869

Mr. Gallegos,

Nick Miller should be named as the DAR for this project.

Please note that the attached copy of the OP-DEL was mailed on 01/30/2024 to designate Nick Miller as the DAR.

Regards,

Shawn Pena

Environmental Specialist

361-553-3401



January 30, 2024

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

CERTIFIED MAIL/RETURN RECEIPT REQUESTED 7020 3160 0001 5876 9038

Re: Dow Victoria Site, F-Unit Copolymers
The Dow Chemical Company
Title V Operating Permit O-1903
Delegation of Responsible Official (Form OP-DEL)
RN110741337
CN600356976

Attached is a signed and notarized Delegation of Authority letter and TCEQ Form OP-DEL by which The Dow Chemical Company requests approval for its Site Manufacturing Director, Nicholas Miller, to serve as a Duly Authorized Representative (DAR) for all Air Permit Requirements, pursuant to 30 TAC Chapter 122.165(c)(1)(B), 40 CFR 98.4, 40 CFR 122.22, 40 CFR 144.32, 40 CFR 270.11, and a Responsible Official as defined in 40 CFR 70.2.

The form also includes the removal of Jeremy Peterson as a Duly Authorized Representative.

Please contact me at (361) 553-3401, or via email at Shaw.Pena@dow.com, if you have questions regarding this request or the attached forms.

Sincerely,

A handwritten signature in black ink that reads "Shawn Pena".

Shawn Pena
Environmental Specialist

cc: Mr. Kelly Ruble, TCEQ Region 14
Seadrift EHS Library



January 25, 2024

RE: DELEGATION OF AUTHORITY

I delegate to the following individual the authority to sign and execute documents on behalf The Dow Chemical Company (the "Company") in the areas identified below:

Name: Nicholas Miller
Position: Site Manufacturing Director
Facility: Dow Victoria Site
Address: 2697 Old Bloomington Road North, Bldg. 560, Victoria, TX 77905

To the fullest extent permitted by law, this delegation includes the authority to sign all reports and permit applications under regulations implementing federal, state, or local environmental, health and safety laws and regulations, and to provide, where appropriate, other relevant information requested by the Administrator of the U.S. EPA or other federal, state or local environmental, health and safety agencies. Any environmental, health and safety documents signed or executed by Nicholas Miller shall have the same force and effect and shall bind The Company as if done by me. Without limiting the generality of the foregoing, I am an authorized signatory for the Company as defined in 40 CFR 98.4, 40 CFR 122.22, 40 CFR 144.32, and 40 CFR 270.11, and a Responsible Official as defined in 40 CFR 70.2.

In accordance with the Authorization Policy of the Company, I explicitly stipulate that the individual named above may re-delegate any authority granted by this Delegation provided that any such re-delegation must be executed in writing and approved by the Law Department as meeting requirements of the environmental regulations referenced in the paragraph above.

This Delegation shall remain in effect until rescinded or modified by me or my successor, in writing, and shall expire on January 31, 2027. This Delegation supersedes and replaces any prior delegations.

1/30/2024
Date

John M Sampson
John Sampson
Senior Vice President

STATE OF MICHIGAN)
) ss.
COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me on January 25, 2024, by John Sampson, Senior Vice President of The Dow Chemical Company, a Delaware corporation, on behalf of the corporation.

Angela Brooks
Angela Brooks, Notary Public
Midland County, Michigan
Acting in Midland County, Michigan
My commission expires: April 6, 2025

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

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

I. Identifying Information		
Account No.: VCA011L	RN: 110741337	CN: 600356976
Permit No.: O1903	Area Name: F-UNIT COPOLYMERS	
Company Name: The Dow Chemical Company		
II. Duly Authorized Representative Information		
Action Type: ☒ New DAR Identification ☐ Administrative Information Change		
Conventional Title: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)		
Name: Nicholas Miller		
Title: Site Manufacturing Director	Delegation Effective Date: 01/26/2024	
Telephone No.: 361-572-1704	Fax No.: N/A	
Company Name: The Dow Chemical Company		
Mailing Address: PO. BOX 103		
City: Victoria	State: TX	ZIP Code: 77902
E-mail Address: NJMILLER@DOW.COM		
III. Certification of Truth, Accuracy, and Completeness		
I, <u>John Sampson</u> ,certify that, based on <i>(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)</i> information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. <i>(RO signature required for New DAR Identification only; DAR signature required for any Action Type)</i>		
Responsible Official Signature: <u>John M Sampson</u>		Date: <u>01/26/2024</u>
Duly Authorized Representative Signature: <u>Nicholas Miller</u>		Date: <u>1/30/24</u>
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s):		
<u>Jeremy Peterson</u>		Effective Date: <u>01/26/2024</u>
<i>(Name(s) printed or typed)</i>		
Responsible Official Signature: <u>John M Sampson</u>		Date: <u>01/26/2024</u>

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

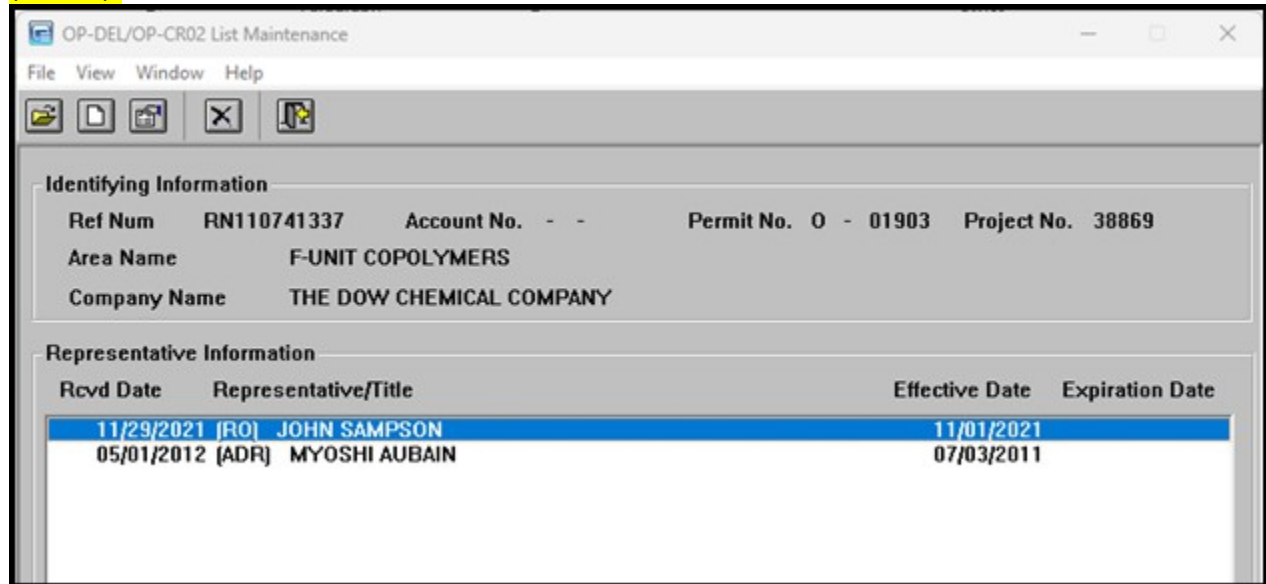
V. Additional Identifying Information		
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
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Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:

From: Miguel Gallegos <miguel.gallegos@tceq.texas.gov>
Sent: Monday, September 8, 2025 3:55 PM
To: Pena, Shawn (S) <shawn.pena@dow.com>
Cc: Miller, Nicholas (NJ) <njmiller@dow.com>
Subject: The Dow Chemical Company - Revision to SOP O1903, Project 38869

Mr. Shawn Pena,

I am conducting the initial review of your application for the subject project. The STEERS submission for the subject application shows Responsible Official (RO) Mr. Nicholas Miller as the Duly Authorized Representatives (DAR) and as the certifying official for the application. Mr. Miller has not been added as the RO into this permit record and cannot certify the application. The STEERS Copy of Record also shows yourself as the DAR but you have not yet been added to the permit record as a DAR. The following personnel are currently shown in the permit record as authorized representatives for the subject permit:

Responsible Official (RO), Designated Representatives (DR's), Alternate Designated Representatives (ADR's):



The screenshot shows a software window titled "OP-DEL/OP-CR02 List Maintenance". It contains two main sections: "Identifying Information" and "Representative Information".

Identifying Information:

Ref Num	RN110741337	Account No.	- -	Permit No.	0 - 01903	Project No.	38869
Area Name	F-UNIT COPOLYMERS						
Company Name	THE DOW CHEMICAL COMPANY						

Representative Information:

Rcvd Date	Representative/Title	Effective Date	Expiration Date
11/29/2021	[RO] JOHN SAMPSON	11/01/2021	
05/01/2012	[ADR] MYOSHI AUBAIN	07/03/2011	

Duly Authorized Representatives (DAR's):

OP-DEL/OP-CRO2 List Maintenance

File View Window Help

Identifying Information

Ref Num RN110741337 Account No. - - Permit No. 0 - 01903 Project No. 38869

Area Name F-UNIT COPOLYMERS

Company Name THE DOW CHEMICAL COMPANY

Representative Information

Rcvd Date	Representative/Title	Effective Date	Expiration Date
11/29/2021	BROOKE BARNES	11/01/2021	
11/29/2021	JEREMY PETERSON	11/01/2021	
02/24/2016	SCOTT KOUNS	02/22/2016	
12/12/2005	JON ILES	12/09/2005	
01/28/2005	JAIME J. GARZA	12/07/2004	
08/25/1999	GARY L. BURGE	11/01/1999	

I must receive a completed and signed OP-CRO2 form designating Mr. Miller as the RO before he can be entered as RO for this project. Please email a completed and signed OP-CRO2 form designating Mr. Miller as the RO for this permit, and a completed and signed OP-CRO1 for Mr. Miller to certify this application. If desired, a completed and signed OP-DEL form for yourself if you are to be added as a DAR to this permit record.

Please email the above forms directly to me by close of business tomorrow, 09/09/2025, so your application is complete and can be accepted.

Thank you.

Miguel Gallegos

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



Texas Commission on Environmental Quality

Title V Existing

1903

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	F-UNIT COPOLYMERS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2697 OLD BLOOMINGTON RD N
City	VICTORIA
State	TX
ZIP	77905
County	VICTORIA
Latitude (N) (##.#####)	28.679444
Longitude (W) (-###.#####)	96.95
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110741337
What is the name of the Regulated Entity (RE)?	DOW VICTORIA SITE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2697 OLD BLOOMINGTON RD N BLDG 560
City	VICTORIA
State	TX
ZIP	77905
County	VICTORIA
Latitude (N) (##.#####)	
Longitude (W) (-###.#####)	
Facility NAICS Code	
What is the primary business of this entity?	

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?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	The Dow Chemical Company
Prefix	MR
First	Nicholas
Middle	
Last	Miller
Suffix	
Credentials	
Title	Site Manufacturing Director
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 103
Routing (such as Mail Code, Dept., or Attn:)	
City	VICTORIA
State	TX
ZIP	77902
Phone (###-###-####)	3615721704
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	njmiller@dow.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	New Contact
Organization Name	The Dow Chemical Company
Prefix	MR
First	Shawn
Middle	
Last	Pena
Suffix	
Credentials	
Title	Environmental Specialist
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 186

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

City	PORT LAVACA
State	TX
Zip	77979
Phone (###-###-####)	3615533401
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	shawn.pena@dow.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	New Contact
Organization Name	The Dow Chemical Company
Prefix	MR
First	Shawn
Middle	
Last	Pena
Suffix	
Credentials	
Title	Environmental Specialist

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 186
Routing (such as Mail Code, Dept., or Attn:)	
City	PORT LAVACA
State	TX
ZIP	77979
Phone (###-###-####)	3615533401
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	shawn.pena@dow.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 40 Min 46 Sec
3) Permit Longitude Coordinate:	96 Deg 57 Min 0 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Streamlined Revision
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No

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

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

[File Properties]

File Name	OP_2_Form OP-2.pdf
Hash	A885C3A88E66A5324DAC8DA053BFACCEAA29472775AC49DB3E8704D4CD8344C1
MIME-Type	application/pdf

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name	OP_REQ3_Form OP-REQ3.pdf
Hash	D7725051D92E23938C2A3E26380FE65D2B22D497BAD4CE1B0EC328893A0310DD
MIME-Type	application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name	OP-PBRSUP.pdf
Hash	BFA78835442336577647DAFD1E529F37D2A34F957F280007D3ABEABB20D5B9DA
MIME-Type	application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name	OP_SUMR_Form OP-SUMR v2.pdf
Hash	01947C32F62031AA0A625EB12A235CE439E9AD9492D329A9CC433A8C283C1197
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name	OP-UA Forms.pdf

Hash	E9DCEC7B9C999DD63973DE98DE1A60E5A8732D5C997AB7CE2303CDFC7265E0EA
MIME-Type	application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	Minor Permit Revision Application.pdf
Hash	8D47D8B774409EC95334E505288518E365658E1ECC8A2EE9A8CE92301F6F189C
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 Nicholas Miller, the owner of the STEERS account ER103372.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1903.
- 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: Nicholas Miller OWNER OPERATOR

Account Number:	ER103372
Signature IP Address:	170.85.99.17
Signature Date:	2025-08-25
Signature Hash:	EF92B778BAFE771E89245B89ECBC08A44A4E166C06659911881F383D4473E94F
Form Hash Code at time of Signature:	9136E63E367B40FBE037E711E1F320E2AC28111A74616798F0305B40EBB01E59

Submission

Reference Number:	The application reference number is 623185
Submitted by:	The application was submitted by ER103372/Nicholas Miller
Submitted Timestamp:	The application was submitted on 2025-08-25 at 08:06:25 CDT
Submitted From:	The application was submitted from IP address 170.85.99.17
Confirmation Number:	The confirmation number is 673239
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1903

Additional Information

Application Creator: This account was created by Shawn Pena

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

Date: 08/13/2025	
Permit No.: O1903	
Regulated Entity No.: RN110741337	
Company Name: The Dow Chemical Company	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? ☒ YES ☐ NO	
I. Application Type	
Indicate the type of application:	
☐ Renewal	
☒ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☐ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only ☒ YES ☐ NO	
For GOP Revisions Only ☐ YES ☐ NO	

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)
Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)
☒ VOC ☒ NO_x ☐ SO₂ ☐ PM₁₀ ☒ CO ☐ Pb ☒ HAP
Other:
IV. Reference Only Requirements (For reference only)
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A
V. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

Date: 08/13/2025
Permit No.: O1903
Regulated Entity No.: RN110741337
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	05GEN003	OP-UA2	NA	Please add 40 CFR Part 60, Subpart IIII (Stationary Compression Ignition Internal Combustion Engines) positive applicability to this engine.
2	MS-C	NO	05FLR040	OP-SUMR OP-PBRSUP	NA	Please add registered PBR 181049 to preconstruction authorizations as described on the forms OP-SUMR and OP-PBRSUP. Please note that the OP-PBRSUP is being submitted for the first time.

TCEQ-10059 (APDG 5722v26, revised 03/22) OP-2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

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
08/13/25	O1903	RN110741337

Unit ID No.	Registration No.	PBR No.	Registration Date
05COM-13, 05COM-14	125301	PBR 106.261	01/16/2015
05FUG	146013	PBR 106.261	05/03/2017
05INC-030VNT	72144	PBR 106.261 PBR 106.262 PBR 106.393	02/28/2003
05OVN-032, 05OVN-032A	78699	PBR 106.495	05/18/2006
05FLR040	181049	PBR 106.261 PBR 106.262	PBR pending approval. Submitted 08/05/2025.

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

Date	Permit Number	Regulated Entity Number
08/13/25	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date
PRO-F UNIT	89	01/08/1980
PRO-F UNIT	99	01/08/1980
05CLT021A	PBR 106.371	09/04/2000
PRO-F UNIT	PBR 106.373	09/04/2000
05DEG208	PBR 106.454	11/01/2001
05SEP051A, 05TOT024B	PBR 106.532	03/14/1997
05LTC053, 05SEP053, 05LTR039A, 05TFX039, 05LTR038A, 05LTC051, 05LTC052, 05LTC200, 05LTR44, 05TFX216, 05TFX214	PBR 106.472	09/04/2000
PRO-F UNIT	PBR 106.263	11/01/2001
05GEN003	PBR 106.511	09/04/2000

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

Date	Permit Number	Regulated Entity Number
08/13/25	O1903	RN110741337

PBR No.	Version No./Date
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
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
08/13/25	O1903	RN110741337

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
05COM-13, 05COM-14	PBR 106.261	125301	Natural gas usage for compressors is monitored.
05FUG	PBR 106.261	146013	Monitoring is performed for fugitive emission components.
05INC-030VNT	PBR 106.261 PBR 106.262 PBR 106.393	72144	Throughput for equipment is tracked.
05OVN-032, 05OVN-032A	PBR 106.495	78699	Hours of operation for screenpack burners is tracked.
05FLR040	PBR 106.261 PBR 106.262	181049	Supplemental fuel usage is tracked.
PRO-F UNIT	89	01/08/1980	Maintain operating hours and paint usage to ensure emissions are less than 4 lb/hr and 300 lb/week.
PRO-F UNIT	99	01/08/1980	Maintain records to demonstrate the vessel maintains working pressure at all times.
05CLT021A	PBR 106.371	09/04/2000	Hours of operation and circulating rates are monitored and tracked.
PRO-F UNIT	PBR 106.373	09/04/2000	Records are maintained for refrigerants.
05DEG208	PBR 106.454	11/01/2001	Hours of operation for equipment is tracked.
05SEP051A, 05TOT024B	PBR 106.532	03/14/1997	Throughput for equipment is tracked.
05LTC053, 05SEP053, 05LTR039A, 05TFX039, 05LTR038A, 05LTC051, 05LTC052, 05LTC200, 05LTR44, 05TFX216, 05TFX214	PBR 106.472	09/04/2000	Unloading activities are tracked.
PRO-F UNIT	PBR 106.263	11/01/2001	Emissions associated with maintenance activities is tracked.
05GEN003	PBR 106.511	09/04/2000	Hours of operation is tracked.

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

Date: 08/13/2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	<i>05GEN003</i>	<i>OP-UA2</i>	<i>60III-01</i>	<i>NMHC+NO_x</i>	<i>40 CFR 60, Subpart IIII</i>	§60.4205(b) §60.4202(a)(2) §60.4206 §60.4207(b) §60.4211(a) §60.4211(c) §60.4211(f) §60.4218 §1039-Appendix I
1	<i>05GEN003</i>	<i>OP-UA2</i>	<i>60III-01</i>	<i>CO</i>	<i>40 CFR Part 60, Subpart IIII</i>	§60.4205(b) §60.4202(a)(2) §60.4206 §60.4207(b) §60.4211(a) §60.4211(c) §60.4211(f) §60.4218 §1039-Appendix I

1	<i>05GEN003</i>	<i>OP-UA2</i>	<i>60III-01</i>	<i>PM</i>	<i>40 CFR Part 60, Subpart IIII</i>	<i>§60.4205(b)</i> <i>§60.4202(a)(2)</i> <i>§60.4206</i> <i>§60.4207(b)</i> <i>§60.4211(a)</i> <i>§60.4211(c)</i> <i>§60.4211(f)</i> <i>§60.4218</i> <i>§1039-Appendix I</i>

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

Date: 08/13/2025	Regulated Entity No.: RN110741337	Permit No.: O1903
Company Name: The Dow Chemical Company	Area Name: F-Unit Copolymers	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	05GEN003	60III-01	NMHC+N O _x	NONE	NONE	§60.4214(d)
1	05GEN003	60III-01	CO	NONE	NONE	§60.4214(d)
1	05GEN003	60III-01	PM	NONE	NONE	§60.4214(d)

TCEQ 10018 (APDG 5939v2, Revised 06/15) OP-REQ3 – Applicable Requirements Summary

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 11/08)

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

Date	Permit No.	Regulated Entity No.
08/13/2025	O1903	RN110741337

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	05GEN003	OP-UA2	EMERGENCY GENERATOR		106.511/09/04/2000	
	2	05FLR040	OP-UA7	FLARE		106.261/11/01/2003 [181049] 106.262/11/01/2003 [181049]	

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

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

Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 10)
Federal Operating Permit Program

Table 5a: Title 30 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Date	Permit No.	Regulated Entity No.
08/13/2025	O1903	RN110741337

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
<i>05GEN003</i>	<i>60IIII-01</i>	<i>2005+</i>	<i>NONE</i>	<i>EMERG</i>	<i>CON</i>	<i>0406+</i>

Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 11)
Federal Operating Permit Program

Table 5b: Title 30 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Date	Permit No.	Regulated Entity No.
08/13/2025	O1903	RN110741337

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
<i>05GEN003</i>	<i>60IIII-01</i>	<i>DIESEL</i>		<i>10-CS</i>		<i>2014</i>	

Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 11)
Federal Operating Permit Program

Table 5c: Title 30 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Date	Permit No.	Regulated Entity No.
08/13/2025	O1903	RN110741337

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
<i>05GEN003</i>	<i>60IIII-01</i>	<i>E130-368</i>		<i>NO</i>	<i>YES</i>	<i>MANU YES</i>		

TCEQ - 10003 (APD-ID 28v2.0, Revised 11/22) OP-UA2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/22)