

Texas Commission on Environmental Quality

Title V Existing

1921

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	UTILITIES AND MAINTENANCE DEPARTMENT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3301 5TH AVE S
City	TEXAS CITY
State	TX
ZIP	77590
County	GALVESTON
Latitude (N) (##.#####)	29.375
Longitude (W) (-###.#####)	94.948611
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100219351
What is the name of the Regulated Entity (RE)?	UNION CARBIDE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3301 5TH AVE S
City	TEXAS CITY
State	TX
ZIP	77590
County	GALVESTON
Latitude (N) (##.#####)	29.3775
Longitude (W) (-###.#####)	-94.943055
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN606209690
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Dow Hydrocarbons and Resources LLC
Texas SOS Filing Number	8888906
Federal Tax ID	383008322
State Franchise Tax ID	13830083229

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

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name DOW HYDROCARBONS AND RESOURCES LLC
Prefix MS
First NEELAM
Middle
Last SHAH
Suffix
Credentials
Title VICE PRESIDENT OF DOW HYDROCARBONS AND RESOURCES, LLC

Enter new address or copy one from list:

Mailing Address
Address Type Domestic
Mailing Address (include Suite or Bldg. here, if applicable) 2211 H H DOW WAY
Routing (such as Mail Code, Dept., or Attn:)
City MIDLAND
State MI
ZIP 48642
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 FRAN FALCON(THE DOW CHEMICA...)
Prefix THE DOW CHEMICAL COMPANY
First MS
Middle FRAN
Last FALCON
Suffix
Credentials
Title EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR

Enter new address or copy one from list

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 HIGHWAY 332 E
Routing (such as Mail Code, Dept., or Attn:)	LJ APB 2A145B
City	LAKE JACKSON
State	TX
Zip	77566
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	FQFALCON@DOW.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

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.

SOP

29 Deg 22 Min 30 Sec

94 Deg 56 Min 55 Sec

Update

1921-38476

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

2026-02-25_NOD_Response_O1921.pdf

Hash

99070ABD16D5F9B211E031C63DC559401614B848FE828070BCB0CD3140659183

MIME-Type

application/pdf

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.

2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1921.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	165.225.33.4
Signature Date:	2026-02-25
Signature Hash:	904A5F0A4D5A95FBAFB56538AD7D0F5DC653CA2914752A0CB5B775D787281687
Form Hash Code at time of Signature:	6DD4C0307926361B2CF04E4A00CDB5D2F1B3C0DB3EBAA1E4566C073992DCB2AB

Submission

Reference Number:	The application reference number is 900435
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2026-02-25 at 16:05:44 CST
Submitted From:	The application was submitted from IP address 165.225.33.4
Confirmation Number:	The confirmation number is 748696
Steers Version:	The STEERS version is 6.94
Permit Number:	The permit number is 1921

Additional Information

Application Creator: This account was created by Crystal Schmidt



February 25, 2026

E-MAIL RESPONSE

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

Dow Hydrocarbons and Resources LLC, CN606209690
Utilities and Maintenance Department, RN100219351
Title V Operating Permit Notice of Deficiency Response
TCEQ Project Number: 38476

Dear Mr. Tusar,

Dow Hydrocarbons and Resources LLC (DHRL) is providing a response to the Notice of Deficiency (NOD) items provided on February 17, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Galveston County Health District

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

Additional Information Request

Item 1	<p>In Table A: PBR registration numbers 80073, 80167, 134895, 152540 all are voided. So, all 4 table in OP-PBRSUP needs to be updated and resubmitted.</p> <p>That also means OP-SUMR needs to be updated reflecting correct PCAs. Void registration needs to be removed. We need to make sure all PBRs in OP-PBRSUP are also represented in OP_REQ1 (page 89).</p> <p>We noted that there are multiple recently issued initial PBR registrations (181470, 179614, 179610, 179604 etc..) for the same rule. If any of the units in the permit are associated with these registrations, they need to be represented.</p>
Item 1 Response	Please see the attached Form OP-SUMR and Form OP-PBRSUP for more information.
Item 2	<p>You may take this opportunity to incorporate latest issuance date 1/30/2026 for NSR Permit 48988. OP-REQ1 (page 89) needs to be updated.</p>
Item 2 Response	Please see the attached Form OP-REQ1 (Page 89 only) for more information.

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

Date	Permit No.	Regulated Entity No.
February 25, 2026	O1921	RN100219351

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
		F02B0001	OP-UA12	EOB WW VENT FUGITIVES		48988 106.261/11/01/2003 [181470, 134895] 106.262/11/01/2003 [181470, 134895]	
		F17A001	OP-UA12	ES MFS FUGITIVES		48988 106.261/11/01/2003 [152540] 106.262/11/01/2003 [152540]	
		W03A005	OP-UA3	WASTEWATER NEUTRALIZATION TANK		48988 106.261/11/01/2003 [181470] 106.262/11/01/2003 [181470]	

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

Date	Permit No.	Regulated Entity No.
February 25, 2026	O1921	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
2958A	08/10/2023	9085	06/05/2025 09/27/2024		
48988	01/30/2026 06/05/2025				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003	106.472	09/04/2000		
106.262	11/01/2003	106.492	09/04/2000		
106.263	11/01/2001	106.511	09/04/2000		
106.371	09/04/2000	106.532	09/04/2000		
106.412	09/04/2000	106.533	07/04/2004		
106.433	09/04/2000	51	09/12/1989		
106.451	09/04/2000	61	09/12/1989		
106.452	09/04/2000				
106.454	07/08/1998				

◆ **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
HW-50242-001					

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

Date	Permit Number	Regulated Entity Number
February 25, 2026	O1921	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
F02B001-01	172006	106.261 106.262	03/15/2023
F02B001-06	80073	106.261 106.262	10/26/2006
F02B001-06	80167	106.261	11/03/2006
F02B0001	134895	106.261 106.262	02/04/2016
F17A001	152540	106.261 106.262	08/02/2018
<i>W03A005</i> <i>F02B0001</i>	<i>181470</i>	<i>106.261</i> <i>106.262</i>	<i>09/23/2025</i>

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

Date		Permit Number	Regulated Entity Number
February 25, 2026		O1921	RN100219351

Unit ID No.		PBR No.	Version No./Date
3RDSTENG1 3RDSTENG2 5PHENG1 5PHENG2 6PHENG1	6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN	106.511	09/04/2000
E02BCTR2 E02BCTR5	E02BCTR6 E02BCTR9	106.371	09/04/2000
T03AD2427 T03AD2550		106.472	09/04/2000
AS-2 T03AD2054T	T03AY2048T T03AY2050T	106.533	07/04/2004
DSLTK-A GASTK-B	P19ADIESP P19AGASP1	106.412	09/04/2000
E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST	T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST	106.532	09/04/2000
P19ADEG8		106.454	07/08/1998
PROMAINT		106.263 106.492	11/01/2001 09/04/2000
T03AIPDAN T03AIPDAS		61	09/12/1989

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

Date	Permit Number	Regulated Entity Number
February 25, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date
W03ARECGW1 W03ARECGW2	51	09/12/1989
Surface Coating Facilities	106.433	09/04/2000
Wet Blast Cleaning Equipment	106.451	09/04/2000
Dry Abrasive Cleaning Equipment	106.452	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
February 25, 2026	O1921	RN100219351

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

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

Date	Permit Number	Regulated Entity Number
February 25, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F02B001-01	106.261 106.262	172006	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR 2958A SC 23 (permit issue date 08/10/2023).
F02B001-06	106.261 106.262	80073	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).
F02B001-06	106.261	80167	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).
F02B0004	106.261 106.262	134895	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).
F17A004	106.261 106.262	152540	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).
3RDSTENG1 3RDSTENG2 5PHENG1 5PHENG2 6PHENG1	6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN	106.511	09/04/2000 Maintain records of operation.
E02BCTR2 E02BCTR5	E02BCTR6 E02BCTR9	106.371	09/04/2000 Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases.
T03AD2427 T03AD2550	106.472	09/04/2000	Maintain records of annual throughput.

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

Date	Permit Number	Regulated Entity Number
February 25, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement	
AS-2 T03AD2054T	T03AY2048T T03AY2050T	106.533	07/04/2004	Maintain records of emissions to ensure they meet the requirements of 106.533(d)(1)-(3).
DSLTK-A GASTK-B	P19ADIESP P19AGASP1	106.412	09/04/2000	Maintain records of equipment used to ensure it is only used store and dispense motor fuels into heavy and light-duty motor vehicles and marine vessels or other watercraft, aircraft, and railroad locomotive engines
E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST	T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST	106.532	09/04/2000	Maintain records to ensure the facility only performs the functions listed in 106.532(1)(A)-(O)
P19ADEG8	106.454	07/08/1998	Maintain records of solvent makeup.	
PROMAINT	106.263 106.492	11/01/2001 09/04/2000	Track emissions on a rolling 12-month basis.	
T03AIPDAN T03AIPDAS	61	09/12/1989	Maintain records to ensure the facility only performs the following functions: disinfection, softening, filtration, flocculation, stabilization, taste and odor control, clarification, carbonation, biological treatment, sedimentation, neutralization, aeration (for oxidation/biodegradation purposes only), volatile organic compounds.	
W03ARECGW1 W03ARECGW2	51	09/12/1989	Maintain records of materials that are loaded/unloaded.	
Surface Coating Facilities	106.433	09/04/2000	Maintain records of solvent use, actual hours of operation, and emissions (lb/hr, lb/day, lb/week, and typ).	

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

Date	Permit Number	Regulated Entity Number
February 25, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Wet Blast Cleaning Equipment	106.451	09/04/2000	Maintain records of abrasive material usage.
Dry Abrasive Cleaning Equipment	106.452	09/04/2000	Maintain records of operating hours and abrasive material usage.
W03A005 F02B0001	106.261 106.262	181470	<i>Tank MSS will continue to meet the requirements of NSR 48988 SC # 10 (permit issue date 6/5/2025).</i> <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR 48988 SC 13 (permit issue date 6/5/2025).</i>

From: [Schmidt, Crystal \(C\)](#)
To: [Tusar Swami](#)
Subject: RE: Working Draft Permit -- FOP O1921/Project 38476 - Respond by 2/24.
Date: Wednesday, February 25, 2026 11:13:05 AM
Attachments: [2026-02-25_NOD_Response_O1921.pdf](#)

My apologies for the delay. Please see the attached. Once you confirm you have everything you need, I will get it submitted via 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



General Business

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Wednesday, February 25, 2026 10:09 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O1921/Project 38476 - Respond by 2/24.

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Crystal:
Just friendly reminder to take care of this. Thanks!

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087
Phone: 512/239-1581 Fax: 512/239-1400
Email: tusar.swami@tceq.texas.gov

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

survey at www.tceq.texas.gov/customersurvey

From: Tusar Swami

Sent: Tuesday, February 17, 2026 3:54 PM

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

Subject: RE: Working Draft Permit -- FOP O1921/Project 38476 - Respond by 2/24.

Good afternoon, Crystal:

Some errors are found in OP-PBR SUP dated 2/10/2026 which we missed.

1. In Table A: PBR registration numbers 80073, 80167, 134895, 152540 all are voided.

So, all 4 table in OP-PBR SUP needs to be updated and resubmitted.

That also means OP-SUMR needs to be updated reflecting correct PCAs. Void registration needs to be removed. We need to make sure all PBRs in OP-PBR SUP are also represented in OP_REQ1 (page 89).

We noted that there are multiple recently issued initial PBR registrations (181470, 179614, 179610, 179604 etc..) for the same rule. If any of the units in the permit are associated with these registrations, they need to be represented.

2. You may take this opportunity to incorporate latest issuance date 1/30/2026 for NSR Permit 48988. OP-REQ1 (page 89) needs to be updated.

Looking forward to hearing from you soon.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

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

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

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

Email: tusar.swami@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction

survey at www.tceq.texas.gov/customersurvey

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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Tuesday, February 10, 2026 12:13 PM
To: Tusar Swami
Subject: RE: Working Draft Permit -- FOP O1921/Project 38476
Attachments: 2026-02-10_NOD_WDP_Response_O1921.pdf

Tusar,

Please see our attached response and let me know if you have any questions. I will work on getting you the OP-CRO1 via STEERS by the end of this week. Thanks!

Crystal Schmidt

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



Seek Together™

General Business

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Wednesday, February 4, 2026 2:51 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O1921/Project 38476, Dow Hydrocarbon and Resources LLC/Union Carbide Texas City - Respond by 2/11/2026

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Crystal:

Please see attached updated draft. All your comments dated 2/3 are incorporated. It was not picking up the terms and condition 11 for CAM due to incorrect response in OP-REQ1 (page 84, item XI.L.3) – It should be “Yes” as in the previous project CAM was provided. In the effective permit there is CAM for the Unit ID E02B030 and there is no new CAM proposal in this renewal application. Also, it is noted if the response to XI.L.8 is “Yes” no response was required for XI.9/10/11/12 as per the instruction.



February 10, 2026

E-MAIL RESPONSE

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

Dow Hydrocarbons and Resources LLC, CN606209690
Utilities and Maintenance Department, RN100219351
Title V Operating Permit Notice of Deficiency and Working Draft Permit Response
TCEQ Project Number: 38476

Dear Mr. Tusar,

Dow Hydrocarbons and Resources LLC (DHRL) is providing a response to the Notice of Deficiency (NOD) items and comments on the Working Draft Permit (WDP) provided on February 4, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Galveston County Health District

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

Additional Information Request

Item 1	Please see attached updated draft. All your comments dated 2/3 are incorporated. It was not picking up the terms and condition 11 for CAM due to incorrect response in OP-REQ1 (page 84, item X.I.L.3) – It should be “Yes” as in the previous project CAM was provided. In the effective permit there is CAM for the Unit ID E02B030 and there is no new CAM proposal in this renewal application. Also, it is noted if the response to X.I.L.8 is “Yes” no response was required for X.I.9/10/11/12 as per the instruction. So please submit the updated pages (page 84, 85) of OP-REQ1, OP-PBR SUP and accept the working draft by 2/11. You may submit everything via STEERS so that it is auto certified.
Item 1 Response	Please see the attached Form OP-REQ1 (Pages 84 and 85 only) and Form OP-PBR SUP for more information.

Working Draft Permit Comments

Dow Hydrocarbons and Resources LLC (DHRL) has no further comments on the Working Draft Permit (WDP).

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

Date	Permit No.	Regulated Entity No.
February 10, 2026	O1921	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

Date	Permit No.	Regulated Entity No.
February 10, 2026	O1921	RN100219351

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit Number	Regulated Entity Number
February 10, 2026	O1921	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
F02B001-01	172006	106.261 106.262	<i>03/15/2023</i> 03/07/2023
F02B001-06	80073	106.261 106.262	10/26/2006
F02B001-06	80167	106.261	11/03/2006
F02B0001	134895	106.261 106.262	02/04/2016
F17A001	152540	106.261 106.262	08/02/2018

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

Date	Permit Number	Regulated Entity Number
February 10, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date
3RDSTENG1 3RDSTENG2 5PHENG1 5PHENG2 6PHENG1	6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN 106.511	09/04/2000
E02BCTR2 E02BCTR5	E02BCTR6 E02BCTR9 106.371	09/04/2000
T03AD2427 T03AD2550	106.472	09/04/2000
AS-2 T03AD2054T	T03AY2048T T03AY2050T 106.533	07/04/2004
DSLTK-A GASTK-B	P19ADIESP P19AGASP1 106.412	09/04/2000
E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST	T03AT5CIST T03AT5DST T03AT5YMC1 T03AT6BDST T03AT6CIST T03AT6DST 106.532	09/04/2000
P19ADEG8	106.454	07/08/1998
PROMAINT	106.263 106.492	11/01/2001 09/04/2000
T03AIPDAN T03AIPDAS	61	09/12/1989

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

Date	Permit Number	Regulated Entity Number
February 10, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date
W03ARECGW1 W03ARECGW2	51	09/12/1989
Surface Coating Facilities	106.433	09/04/2000
Wet Blast Cleaning Equipment	106.451	09/04/2000
Dry Abrasive Cleaning Equipment	106.452	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
February 10, 2026	O1921	RN100219351

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

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

Date	Permit Number	Regulated Entity Number
February 10, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement	
F02B001-01	106.261 106.262	172006	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR 2958A SC 23 (permit issue date 08/10/2023).	
F02B001-06	106.261 106.262	80073	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).	
F02B001-06	106.261	80167	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).	
F02B0001	106.261 106.262	134895	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).	
F17A001	106.261 106.262	152540	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).	
3RDSTENG1 3RDSTENG2 5PHENG1 5PHENG2 6PHENG1	6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN	106.511	09/04/2000	Maintain records of operation.
E02BCTR2 E02BCTR5	E02BCTR6 E02BCTR9	106.371	09/04/2000	Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases.
T03AD2427 T03AD2550	106.472	09/04/2000	Maintain records of annual throughput.	

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

Date	Permit Number	Regulated Entity Number
February 10, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement	
AS-2 T03AD2054T	T03AY2048T T03AY2050T	106.533	07/04/2004	Maintain records of emissions to ensure they meet the requirements of 106.533(d)(1)-(3).
DSLTK-A GASTK-B	P19ADIESP P19AGASP1	106.412	09/04/2000	Maintain records of equipment used to ensure it is only used store and dispense motor fuels into heavy and light-duty motor vehicles and marine vessels or other watercraft, aircraft, and railroad locomotive engines
E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST	T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST	106.532	09/04/2000	Maintain records to ensure the facility only performs the functions listed in 106.532(1)(A)-(O)
P19ADEG8	106.454	07/08/1998	Maintain records of solvent makeup.	
PROMAINT	106.263 106.492	11/01/2001 09/04/2000	Track emissions on a rolling 12-month basis.	
T03AIPDAN T03AIPDAS	61	09/12/1989	Maintain records to ensure the facility only performs the following functions: disinfection, softening, filtration, flocculation, stabilization, taste and odor control, clarification, carbonation, biological treatment, sedimentation, neutralization, aeration (for oxidation/biodegradation purposes only), volatile organic compounds.	
W03ARECGW1 W03ARECGW2	51	09/12/1989	Maintain records of materials that are loaded/unloaded.	
Surface Coating Facilities	106.433	09/04/2000	Maintain records of solvent use, actual hours of operation, and emissions (lb/hr, lb/day, lb/week, and typ).	

Permit By Rule Supplemental Table (Page 4)
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Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
February 10, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Wet Blast Cleaning Equipment	106.451	09/04/2000	Maintain records of abrasive material usage.
Dry Abrasive Cleaning Equipment	106.452	09/04/2000	Maintain records of operating hours and abrasive material usage.



February 3, 2026

E-MAIL RESPONSE

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

Dow Hydrocarbons and Resources LLC, CN606209690
Utilities and Maintenance Department, RN100219351
Title V Operating Permit Notice of Deficiency and Working Draft Permit Response
TCEQ Project Number: 38476

Dear Mr. Tusar,

Dow Hydrocarbons and Resources LLC (DHRL) is providing a response to the Notice of Deficiency (NOD) items and comments on the Working Draft Permit (WDP) provided on January 19, 2026.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Galveston County Health District

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

Additional Information Request

Item 1	It is noted that the OP-PBRSUP Table A dated July 1, 2025, has one error. PBR Registration date for 172006 is 03/15/2023 (not 03/07/2023). Please update the table and submit all the 4 tables with new date in all pages.
Item 1 Response	Please see the attached Form OP-PBRSUP for more information.

Working Draft Permit Comments

Special Terms & Conditions (ST&C)

1. Please add ST&C 11.A-11.E back to the Title V permit. This permit contains Compliance Assurance Monitoring (CAM), and the Form OP-REQ1 questions were answered accordingly.

Permit Shield

1. W03A005A: Please update the Basis of Determination from “Tank capacity is greater than 39,900 gallons and vapor pressure is less than 2.2 psia” to “Tank capacity is greater than 39,900 gallons and vapor pressure is less than 0.5 psia”. This is the correct vapor pressure that is referenced in 60.110b(b).

Permit By Rule Supplemental Table
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Texas Commission on Environmental Quality

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Unit ID No.	Registration No.	PBR No.	Registration Date
F02B001-01	172006	106.261 106.262	<i>03/15/2023</i> 03/07/2023
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Permit By Rule Supplemental Table (Page 2)
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Texas Commission on Environmental Quality

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February 3, 2026		O1921	RN100219351

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3RDSTENG1 3RDSTENG2 5PHENG1 5PHENG2 6PHENG1	6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN	106.511	09/04/2000
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DSLTK-A GASTK-B	P19ADIESP P19AGASP1	106.412	09/04/2000
E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST	T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST	106.532	09/04/2000
P19ADEG8		106.454	07/08/1998
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Permit By Rule Supplemental Table (Page 3)

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Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
February 3, 2026	O1921	RN100219351

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

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

Date	Permit Number	Regulated Entity Number
February 3, 2026	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement	
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F02B0001	106.261 106.262	134895	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).	
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DSLTK-A GASTK-B	P19ADIESP P19AGASP1	106.412	09/04/2000	Maintain records of equipment used to ensure it is only used store and dispense motor fuels into heavy and light-duty motor vehicles and marine vessels or other watercraft, aircraft, and railroad locomotive engines
E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST	T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST	106.532	09/04/2000	Maintain records to ensure the facility only performs the functions listed in 106.532(1)(A)-(O)
P19ADEG8	106.454	07/08/1998	Maintain records of solvent makeup.	
PROMAINT	106.263 106.492	11/01/2001 09/04/2000	Track emissions on a rolling 12-month basis.	
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Texas Commission on Environmental Quality

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February 3, 2026	O1921	RN100219351

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Wet Blast Cleaning Equipment	106.451	09/04/2000	Maintain records of abrasive material usage.
Dry Abrasive Cleaning Equipment	106.452	09/04/2000	Maintain records of operating hours and abrasive material usage.

From: [Tusar Swami](#)
To: [Schmidt, Crystal \(C\)](#)
Subject: Working Draft Permit -- FOP O1921/Project 38476, Dow Hydrocarbon and Resources LLC/Union Carbide Texas City - Respond by 2/3/2026
Date: Monday, January 19, 2026 4:07:00 PM
Attachments: [SOP - O1921 Dow Hydrocarbons and Resources LLC \(Renewal, 38476\) Draft.docx](#)

Crystal:

Good afternoon. I have conducted a technical review of *renewal* application for Dow Hydrocarbon and Resources LLC/Union Carbide Texas City, Utilities and Maintenance Department. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application dated July 1, 2025.

Please review the WDP and submit to me any comments you have on the working draft permit by **February 3, 2026**.

It is noted that the OP-PBRSUP Table A dated July 1, 2025, has one error. PBR Registration date for 172006 is 03/15/2023 (not 03/07/2023). Please update the table and submit all the 4 tables with new date in all pages.

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

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

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

Please notify me when these updates have been submitted.

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

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

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

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

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

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

Email: tusar.swami@tceq.texas.gov



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

From: Tusar Swami
Sent: Friday, August 22, 2025 4:46 PM
To: Schmidt, Crystal (C)
Subject: Technical Review -- FOP O1921/Project 38476, Dow Hydrocarbons and Resources LLC/Union Carbide Texas City

Crystal:

Good afternoon. I have been assigned to the Federal Operating Permit (FOP) initial renewal application of Permit No. O1921 for Dow Hydrocarbons and Resources LLC/Union Carbide Texas City. This application has been assigned Project No. 38476. 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-PBR SUP 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.

Thank you for your cooperation.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

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

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

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

Email: tusar.swami@tceq.texas.gov



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

From: [Schmidt, Crystal \(C\)](#)
To: [Rosa Mora-Nichols](#)
Subject: RE: Additional Information Needed for Project 38476, Permit 1921, Dow Hydrocarbons and Resources, LLC
Date: Wednesday, July 16, 2025 11:54:13 AM
Attachments: [image002.png](#)
[DHRL OP-DEL TCO O1921 Falcon.pdf](#)
[DHRL OP-DEL TCO O1921 Mendez.pdf](#)

Rosa,

Please see the updated forms for Fran Falcon and Rafael Mendez. Thank you for your patience!

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™

General Business

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, July 16, 2025 10:33 AM
To: rosa.mora-nichols@tceq.texas.gov
Subject: RE: Additional Information Needed for Project 38476, Permit 1921, Dow Hydrocarbons and Resources, LLC

Rosa,

My apologies for the delayed response. I didn't personally receive the email because my email address is missing the "c". I will work on getting each OP-DEL signed by the DARs and get them to you as soon as possible.

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



From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Monday, July 14, 2025 1:22 PM
To: schmidt6@dow.com
Cc: TX Regional Environmental <txles@dow.com>
Subject: Additional Information Needed for Project 38476, Permit 1921, Dow Hydrocarbons and Resources, LLC
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Mrs. Schmidt,

TCEQ is in receipt of the renewal application for Project 38476, Permit 1921, (Utilities and Maintenance Department), Dow Hydrocarbons and Resources, LLC.; however, all the OP-DEL Forms included with the application were **not signed and dated by the DARs**. Please promptly resubmit signed and dated OP-DEL Forms by **COB, today, 07/14/2025**, so this application may be declared administratively complete.

Please email the OP-DEL Forms directly to me, as I am the License Permit Specialist initial reviewer assigned to this project.

Best,

Rosa Mora-Nichols

License and Permit Specialist
Texas Commission on Environmental Quality
Office of Air - Air Permits Division
(512) 239-2071



How are we doing? www.tceq.texas.gov/customersurvey

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.: GB-0076-J	RN: 100219351	CN: 606209690
Permit No.: O1921	Area Name: Utilities	
Company Name: Dow Hydrocarbons and Resources LLC		
II. Duly Authorized Representative Information		
Action Type:	<input checked="" type="checkbox"/> New DAR Identification	<input type="checkbox"/> Administrative Information Change
Conventional Title: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Fran Quinlan Falcon		
Title: TX Regional Environmental Director	Delegation Effective Date: 6-16-25	
Telephone No.: 979-238-9978	Fax No.:	
Company Name: The Dow Chemical Company		
Mailing Address: 332 Hwy 332 E		
City: Lake Jackson	State: TX	ZIP Code: 77566
E-mail Address: FQFalcon@Dow.com		
III. Certification of Truth, Accuracy, and Completeness		
I, <u>Neelam Shah</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><i>Neelam Shah</i></u>	Date: <u>6-16-25</u>	
Duly Authorized Representative Signature: <u><i>FR Falcon</i></u>	Date: <u>6-19-25</u>	
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s): _____ <i>(Name(s) printed or typed)</i> Effective Date: _____		
Responsible Official Signature: _____		Date: _____

**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:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
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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:

From: [eNotice TCEQ](#)
To: mayer.middleton@senate.texas.gov; terri.leo-wilson@house.texas.gov
Subject: TCEQ Notice - Permit Number O1921
Date: Monday, July 14, 2025 1:44:02 PM
Attachments: [TCEQ Notice - O1921_38476-ii.pdf](#)

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

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

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 14, 2025

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

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38476
Permit Number: O1921
Dow Hydrocarbons and Resources LLC
Utilities and Maintenance Department
Texas City, Galveston County
Regulated Entity Number: RN100219351
Customer Reference Number: CN606209690

Dear Senator Middleton:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.948611,29.375&level=13>.

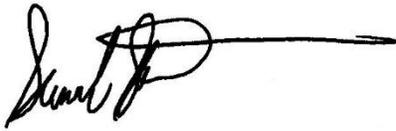
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment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

The Honorable Mayes Middleton
Page 2
July 14, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 14, 2025

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

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38476
Permit Number: O1921
Dow Hydrocarbons and Resources LLC
Utilities and Maintenance Department
Texas City, Galveston County
Regulated Entity Number: RN100219351
Customer Reference Number: CN606209690

Dear Representative Leo-Wilson:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.948611,29.375&level=13>.

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

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

Sincerely,

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

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

From: [TVAPPS](#)
To: [Rosa Mora-Nichols](#)
Cc: [APIRT](#)
Subject: FW: STEERS / TV 38476 / 1921 - Renewal - DOW HYDROCARBONS AND RESOURCES - 797431
Date: Tuesday, July 1, 2025 1:10:58 PM

Sean Wheeler
Business Support Section Process Coordinator
Air Permits Division | TCEQ
512-239-2253 | Sean.Wheeler@tceq.texas.gov

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

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Tuesday, July 1, 2025 11:31 AM
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; fitzsimmmons@gchd.org; ltubbs@gchd.org; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by Neelam Shah. The submittal was received at 07/01/2025 11:31 AM.

The Reference number for this submittal is 797431

The confirmation number for this submittal is 661957.

The Area ID for this submittal is 1921.

The Project ID for this submittal is 38476.

The hash code for this submittal is

0F72F909875B7896B3E8E2F0D3E87E2791C0EF1BED93CDEB5974181366B3E025.

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

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

Texas Commission on Environmental Quality

Title V Existing

1921

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	UTILITIES AND MAINTENANCE DEPARTMENT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3301 5TH AVE S
City	TEXAS CITY
State	TX
ZIP	77590
County	GALVESTON
Latitude (N) (##.#####)	29.375
Longitude (W) (-###.#####)	94.948611
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100219351
What is the name of the Regulated Entity (RE)?	UNION CARBIDE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3301 5TH AVE S
City	TEXAS CITY
State	TX
ZIP	77590
County	GALVESTON
Latitude (N) (##.#####)	29.3775
Longitude (W) (-###.#####)	-94.943055
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN606209690
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Dow Hydrocarbons and Resources LLC
Texas SOS Filing Number	8888906
Federal Tax ID	383008322
State Franchise Tax ID	13830083229
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	501+
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	Dow Hydrocarbons and Resources LLC
Prefix	MS
First	Neelam
Middle	
Last	Shah
Suffix	
Credentials	
Title	Vice President of Dow Hydrocarbons and Resources LLC
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2211 H H DOW WAY
Routing (such as Mail Code, Dept., or Attn:)	
City	MIDLAND
State	MI
ZIP	48642

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

FRAN FALCON(THE DOW CHEMICA...)

Prefix

THE DOW CHEMICAL COMPANY

First

MS

Middle

FRAN

Last

FALCON

Suffix

Credentials

Title

EH&S REGIONAL LEVERAGED DELIVERY DIRECTOR

Enter new address or copy one from list

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

LJ APB 2A145B

City

LAKE JACKSON

State

TX

Zip

77566

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

9792389764

Extension

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

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

E-mail

FQFALCON@DOW.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

New Contact

Organization Name

The Dow Chemical Company

Prefix

MRS

First

Crystal

Middle

Last

Schmidt

Suffix

Credentials

Title

Air Permit Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

332 HIGHWAY 332 E

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

City

LAKE JACKSON

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 22 Min 30 Sec

3) Permit Longitude Coordinate:

94 Deg 56 Min 55 Sec

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

New Application

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

Renewal

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

</ePermitsExternal/faces/file?fileId=266688>>2025-07-01_O1921_Renewal_Application.pdf

Hash

AA85CD6F06624E51CB6083676AA4E090F741F3B447A6FF81C936B14A74C5E9FD

MIME-Type

application/pdf

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

Expedite Title V

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

No

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1921.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	136.226.100.167
Signature Date:	2025-07-01
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEA EF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	0F72F909875B7896B3E8E2F0D3E87E2791C0EF1BED93CDEB5974181366B3E025

Submission

Reference Number:	The application reference number is 797431
Submitted by:	The application was submitted by ER028176/Fran Q Falcon

Submitted Timestamp:	The application was submitted on 2025-07-01 at 11:30:58 CDT
Submitted From:	The application was submitted from IP address 136.226.100.167
Confirmation Number:	The confirmation number is 661957
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1921

Additional Information

Application Creator: This account was created by Crystal Schmidt



July 1, 2025

Electronic Submittal via ePermits

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

**Dow Hydrocarbons and Resources LLC, CN606209690; RN100219351
Utilities and Maintenance Department - Title V Operating Permit O1921
Permit Renewal Application**

To Whom it May Concern,

Dow Hydrocarbons and Resources LLC is submitting the Title V Operating Permit O1921 Renewal Application for the Utilities and Maintenance Department plant located in Galveston County, Texas. This renewal application is submitted in accordance with 30 TAC Chapter 122, Subchapter, C §122.241 and §122.243.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

US EPA Region 6
TCEQ Air Section Manager, Region 12
Galveston County Health District

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

Dow Hydrocarbons and Resources LLC

Permit O1921 Utilities and Maintenance Department

Site Operating Permit Renewal Application

July 1, 2025

Table of Contents

Section 1 – Administrative Forms

Form OP-CRO2 – Change of Responsible Official Information

Form OP-DEL – Delegation of Responsible Official

Form OP-1 – Site Information Summary

Form OP-2 – Application for Permit Revision/Renewal

Form OP-SUMR – Individual Unit Summary for Revisions

Section 2 – Unit Attribute Forms

Form OP-UA1 – Miscellaneous and Generic Unit Attributes

Form OP-UA2 – Stationary Reciprocating Internal Combustion Engine Attributes

Form OP-UA3 – Storage Tank Vessel Attributes

Form OP-UA4 – Loading/Unloading Operation Attributes

Form OP-UA6 – Boiler/Steam Generator/Steam Generating Unit Attributes

Form OP-UA12 – Fugitive Emission Attributes

Form OP-UA13 – Industrial Process Cooling Tower Attributes

Form OP-UA14 – Water Separator Attributes

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

Form OP-UA16 – Solvent Degreasing Machine Attributes

Form OP-UA57 – Cleaning/Depainting Operating Attributes

Section 3 – Applicability Identification Forms

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

Form OP-REQ2 – Negative Applicable Requirement Determinations

Form OP-REQ3 – Applicable Requirements Summary

Section 4 – Compliance Certification Forms

Form OP-ACPS

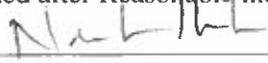
Section 5 – Permits by Rule Supplemental Table

Permits by Rule Supplemental Table

Section 1 - Administrative Forms

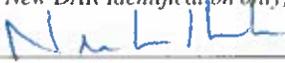
Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

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

I. Identifying Information		
Account No.: GB-0076-J	RN: 100219351	CN: 606209690
Permit No.: O1921	Area Name: Utilities	
Company Name: Dow Hydrocarbons and Resources LLC		
II. Change Type		
Action Type:	<input checked="" type="checkbox"/> New Appointment	<input type="checkbox"/> Administrative Information Change
Contact Type (<i>only one response can be accepted per form</i>):		
<input checked="" type="checkbox"/> Responsible Official	<input type="checkbox"/> Designated Representative	<input type="checkbox"/> Alternate Designated Representative
III. Responsible Official/Designated Representative/Alternate Designated Representative Information		
Conventional Title: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Neelam Shah		
Title: Vice President of Dow Hydrocarbons and Resources LLC	Appointment Effective Date: 05/15/2024	
Telephone No.: 979-238-9978	Fax No.:	
Company Name: Dow Hydrocarbons Resources LLC		
Mailing Address: 2211 H.H. Dow Way		
City: Midland	State: MI	ZIP Code: 48674
E-mail Address: TXLES@Dow.com		
IV. Certification of Truth, Accuracy, and Completeness		
This certification does not extend to information, which is designated by the TCEQ as information for reference only.		
I, <u>Neelam Shah</u> , certify that, based on information <div style="text-align: center;"><i>(Name printed or typed)</i></div> and belief formed after Reasonable inquiry, the statements and information stated above are true, accurate, and complete.		
Signature: <u></u>		Signature Date: <u>6-16-25</u>

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

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Company Name: Dow Hydrocarbons and Resources LLC		
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Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change		
Conventional Title: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Fran Quinlan Falcon		
Title: TX Regional Environmental Director	Delegation Effective Date: 6-16-25	
Telephone No.: 979-238-9978	Fax No.:	
Company Name: The Dow Chemical Company		
Mailing Address: 332 Hwy 332 E		
City: Lake Jackson	State: TX	ZIP Code: 77566
E-mail Address: FQFalcon@Dow.com		
III. Certification of Truth, Accuracy, and Completeness		
I, <u>Neelam Shah</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></u>		Date: <u>6-16-25</u>
Duly Authorized Representative Signature: _____		Date: _____
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s): _____ <i>(Name(s) printed or typed)</i> Effective Date: _____		
Responsible Official Signature: _____		Date: _____

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.: GB-0076-J	RN: 100219351	CN: 606209690
Permit No.: O1921	Area Name: Utilities	
Company Name: Dow Hydrocarbons and Resources LLC		
II. Duly Authorized Representative Information		
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change		
Conventional Title: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Rafael Mendez		
Title: Environmental Sustainability Delivery Leader	Delegation Effective Date: 6/16/25	
Telephone No.: 979-238-9978	Fax No.:	
Company Name: The Dow Chemical Company		
Mailing Address: 1900 Tidal Rd		
City: Deer Park	State: TX	ZIP Code: 77536
E-mail Address: RMendez@Dow.com		
III. Certification of Truth, Accuracy, and Completeness		
I, <u>Neelam Shah</u> , certify that, based on <small>(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)</small> information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. <small>(RO signature required for New DAR Identification only; DAR signature required for any Action Type)</small>		
Responsible Official Signature: <u>Neelam Shah</u>		Date: <u>6/16/25</u>
Duly Authorized Representative Signature: _____		Date: _____
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s): _____ <small>(Name(s) printed or typed)</small> Effective Date: _____		
Responsible Official Signature: _____		Date: _____

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:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:

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.: GB-0076-J	RN: 100219351	CN: 606209690
Permit No.: O1921	Area Name: Utilities	
Company Name: Dow Hydrocarbons and Resources LLC		
II. Duly Authorized Representative Information		
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change		
Conventional Title: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Casey Rhodes		
Title: Responsible Care Director	Delegation Effective Date: <u>June 16, 2025</u>	
Telephone No.: 979-238-9978	Fax No.:	
Company Name: The Dow Chemical Company		
Mailing Address: 1900 Tidal Rd		
City: Deer Park	State: TX	ZIP Code: 77536
E-mail Address: CLRhodes2@Dow.com		
III. Certification of Truth, Accuracy, and Completeness		
I, <u>Neelam Shah</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></u>		Date: <u>6/16/25</u>
Duly Authorized Representative Signature: _____		Date: _____
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s): _____ <i>(Name(s) printed or typed)</i> Effective Date: _____		
Responsible Official Signature: _____		Date: _____

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:
Account No.:	RN:	CN:
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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:

**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: Dow Hydrocarbons and Resources LLC
B.	Customer Reference Number (CN): CN606209690
C.	Submittal Date (mm/dd/yyyy): July 1, 2025
II. Site Information	
A.	Site Name: Union Carbide Texas City
B.	Regulated Entity Reference Number (RN): RN100219351
C.	Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F.	Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
III. Permit Type	
A.	Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)	

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>	
A. Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information	
RO Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: <i>Neelam Shah</i>	
RO Title: <i>Vice President of Dow Hydrocarbons and Resources LLC</i>	
Employer Name: <i>Dow Hydrocarbons and Resources LLC</i>	
Mailing Address: <i>2211 H.H. Dow Way</i>	
City: <i>Midland</i>	
State: <i>Michigan</i>	
ZIP Code: <i>48674</i>	
Territory:	
Country: <i>USA</i>	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: <i>979-238-9978</i>	
Fax No.:	
Email: <i>TXLES@dow.com</i>	



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

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



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

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

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

X. Application Area Information (continued)
G. Latitude (nearest second): 29° 22' 30"
H. Longitude (nearest second): 94° 56' 55"
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: 53
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Moore Public Library
B. Physical Address: 1701 9th Avenue South
City: Texas City
ZIP Code: 77592
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Crystal Schmidt
Contact Mailing Address: 332 South Hwy 332 E
City: Lake Jackson
State: Texas
ZIP Code: 77566
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 979-238-1742

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

XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

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

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

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

Date: July 1, 2025	
Permit No.: O1921	
Regulated Entity No.: RN100219351	
Company Name: Dow Hydrocarbons and Resources LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

Date: July 1, 2025
Permit No.: O1921
Regulated Entity No.: RN100219351
Company Name: Dow Hydrocarbons and Resources LLC

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ1	N/A	<p>Dow Hydrocarbons and Resources LLC (DHRL) requests updates to unit sources whose UA forms have been updated since the last renewal.</p> <p>In addition, DHRL is requesting to update the Preconstruction Authorizations. Please see the attached Form OP-REQ1.</p> <p>Additions have been bolded and italicized, and deletions have been marked with a strikethrough.</p>
2	MS-C	NO	Multiple	OP-SUMR OP-PBRSUP	N/A	<p>Please update the PBR Supplemental Table to include any changes that have been made since the permit was last renewed in January 2021 (Project #30738) before this form was required.</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.</p>
3	MS-C	NO	E02B030	OP-UA1 OP-UA6	N/A	<p>Please remove 40 CFR Part 63, Subpart DDDDD General High-Level applicability from this unit.</p> <p>Please add 40 CFR Part 63, Subpart DDDDD Low-Level applicability to this unit.</p>

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

Date: July 1, 2025
Permit No.: O1921
Regulated Entity No.: RN100219351
Company Name: Dow Hydrocarbons and Resources LLC

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
4	MS-C	NO	E02BCTR1 E02BCTR7	OP-SUMR	N/A	Please remove these units from the entire Title V Permit; they have been demolished.
5	MS-C	NO	E02BCTR4	OP-SUMR	N/A	Please update the Preconstruction Authorization for this unit from “9085” to “48988”.
6	MS-C	NO	B134EMGEN	OP-SUMR	N/A	Please remove this unit from the entire Title V Permit; it is no longer at the site.

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

Date: July 1, 2025	
Permit No.: O1921	
Regulated Entity No.: RN100219351	
Company Name: Dow Hydrocarbons and Resources LLC	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
	2	3RDSTENG1	OP-UA2 OP-UA15	FIRE WATER PUMP P-0981-1		106.511/09/04/2000	
	2	3RDSTENG2	OP-UA2 OP-UA15	FIRE WATER PUMP P-0981-2		106.511/09/04/2000	
	2	5PHENG1	OP-UA2 OP-UA15	FIRE WATER PUMP P-0985-1		106.511/09/04/2000	
	2	5PHENG2	OP-UA2 OP-UA15	FIRE WATER PUMP P-0985-2		106.511/09/04/2000	
	2	6PHENG1	OP-UA2 OP-UA15	FIRE WATER PUMP P-0986-1		106.511/09/04/2000	
	2	6PHENG2	OP-UA2 OP-UA15	FIRE WATER PUMP P-0986-2		106.511/09/04/2000	
	2	AS-2	OP-UA15	OPDA AIR STRIPPER		106.533/07/04/2004	
D	6	B134EMGEN	OP-UA2	B134 GENERATOR		106.511/09/04/2000	
	2	DSLTK-A	OP-REQ2	DIESEL STORAGE TANK		106.412/09/04/2000	
	3	E02B030	OP-UA6 OP-UA15	BOILER NO. 53		2958A	
D	4	E02BCTR1	OP-UA13	COOLING TOWER #1		106.371/09/04/2000	
	2	E02BCTR2	OP-UA13	COOLING TOWER #2		106.371/09/04/2000	
	5	E02BCTR4	OP-UA13	COOLING TOWER #4		48988 9085	

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.



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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
	2	E02BCTR5	OP-UA13	COOLING TOWER #5		106.371/09/04/2000	
	2	E02BCTR6	OP-UA13	COOLING TOWER #6		106.371/09/04/2000	
D	4	E02BCTR7	OP-UA13	COOLING TOWER #7		106.371/09/04/2000 ✓	
	2	E02BCTR9	OP-UA13	COOLING TOWER #9		106.371/09/04/2000	
	2	E03AT5BST	OP-REQ2	BIOCIDE SOLUTION TANK		106.532/09/04/2000	
	2	E03CIST	OP-REQ2	CORROSION INHIBITOR SOLUTION TANK		106.532/09/04/2000	
	2	E03NAST	OP-REQ2	NEUTRALIZING AMINE SOLUTION TANK		106.532/09/04/2000	
	2	E03OSST	OP-REQ2	OXYGEN SCAVENGER SOLUTION TANK		106.532/09/04/2000	
		E17A020	OP-UA4	SOUR WATER LOADING		48988	
	2	F02B0001	OP-UA12	EOB WW VENT FUGITIVES		48988 106.261/11/01/2003 [134895] 106.262/11/01/2003 [134895]	✓
	2	F02B001-01	OP-UA12	ES RESIDUE FUGITIVES		2958A 106.261/11/01/2003 [172006] 106.262/11/01/2003 [172006]	✓



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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
	2	F17A001	OP-UA12	ES MFS FUGITIVES		48988 <i>106.261/11/01/2003 [152540]</i> <i>106.262/11/01/2003 [152540]</i>	
	2	GASTK-B	OP-REQ2	GASOLINE STORGE TANK		106.412/09/04/2000	
	2	LLENG1	OP-UA2 OP-UA15	FIRE WATER PUMP P-0987-1		106.511/09/04/2000	
	2	LLENG2	OP-UA2 OP-UA15	FIRE WATER PUMP P-0987-2		106.511/09/04/2000	
	2	P19ADEG8	OP-UA16 OP-UA57	COLD DEGREASER 8 BUILDING 209 N		106.454/07/08/1998	
	2	P19ADIESP	OP-REQ2	DIESEL DISPENSING PUMP		106.412/09/04/2000	
	2	P19AGASP1	OP-REQ2	GASOLINE DISPENSING PUMP1		106.412/09/04/2000	
	2	PROMAINT	OP-UA57	PROCESS UNIT FOR MAINTENANCE AND SITE SERVICES		106.263/11/01/2001 <i>106.492/09/04/2000</i>	✓
	2	PWSEMGEN	OP-UA2	POTABLE WATER EMERGENCY GENERATOR		106.511/09/04/2000	
	2	RSEMGEN	OP-UA2	RADIO STATION EMERGENCY GENERATOR		106.511/09/04/2000	
	2	T03AD2054T	OP-UA3	OPDA NAPL STORAGE TANK		106.533/07/04/2004	
	2	T03AD2427	OP-UA3	LUBE OIL		106.472/09/04/2000	

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.

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
	2	T03AD2550	OP-UA3	LUBE OIL		106.472/09/04/2000	
	2	T03AIPDAN	OP-UA3	WASTEWATER TANK		61/09/12/1989	
	2	T03AIPDAS	OP-UA3	WASTEWATER TANK		61/09/12/1989	
	2	T03AT1BDST	OP-REQ2	BIODISPERSANT SOLUTION TANK		106.532/09/04/2000	
	2	T03AT1CIST	OP-REQ2	CORROSION INHIBITOR SOLUTION TANK		106.532/09/04/2000	
	2	T03AT1DST	OP-REQ2	DISPERSANT SOLUTION TANK		106.532/09/04/2000	
	2	T03AT5CIST	OP-REQ2	CORROSION INHIBITOR SOLUTION TANK		106.532/09/04/2000	
	2	T03AT5DST	OP-REQ2	DISPERSANT SOLUTION TANK		106.532/09/04/2000	
	2	T03AT5YMC1	OP-REQ2	YELLOW METAL CORROSION INHIBITOR TANK		106.532/09/04/2000	
	2	T03AT6BDST	OP-REQ2	BIODISPERSANT SOLUTION TANK		106.532/09/04/2000	
	2	T03AT6CIST	OP-REQ2	CORROSION INHIBITOR SOLUTION TANK		106.532/09/04/2000	
	2	T03AT6DST	OP-REQ2	DISPERSANT SOLUTION TANK		106.532/09/04/2000	
	2	T03AY2048T	OP-UA14	OPDA DNAPL SEPARATOR		106.533/07/04/2004	
	2	T03AY2050T	OP-UA14	OPDA LNAPL SEPARATOR		106.533/07/04/2004	



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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
		T17ARSRH2O	OP-UA3	SOUR WATER STORAGE TANK		48988	
		T17ASH2O	OP-UA3	SOUR WATER TANK		48988	
		W03A005A	OP-UA3	D-120 TRUCK UNLOADING TANK		48988	
		W03A005	OP-UA3	WASTEWATER EQUALIZATION TANK		48988	
	2	W03ARECGW1	OP-REQ2	NORTH SEPARATIONS SYSTEM TANK		51/09/12/1989	
	2	W03ARECGW1	OP-REQ2	SOUTH SEPARATIONS SYSTEM TANK		51/09/12/1989	



**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR – Table 2**

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	T17ARSRH2O	OP-UA3		GRP UDTK1
	T17ASH2O	OP-UA3		GRP UDTK1



Section 2 – Unit Attribute Forms

Miscellaneous Unit Attributes – Form OP-UA1 (Page 1)
Federal Operating Permit Program

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
E02B030	63DDDDDD-01					Please add 40 CFR Part 63, Subpart DDDDD- General High Level Applicability

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
3RDSTENG1	R7ICI-01				D2001+				
3RDSTENG2	R7ICI-01				D2001+				
5PHENG1	R7ICI-01				D2001+				
5PHENG2	R7ICI-01				D2001+				
6PHENG1	R7ICI-01				D2001+				
6PHENG2	R7ICI-01				D2001+				
LLENG1	R7ICI-01				D2001+				
LLENG2	R7ICI-01				D2001+				
PWSEMGEN	R7ICI-01				EMERG	DSL			
RSEMGEN	R7ICI-01				D2001+				

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
3RDSTENG1	63ZZZZ-01	MAJOR	100-250	06+		EMER-A	
3RDSTENG2	63ZZZZ-01	MAJOR	100-250	06+		EMER-A	
5PHENG1	63ZZZZ-01	MAJOR	250-300	06+		EMER-A	
5PHENG2	63ZZZZ-01	MAJOR	250-300	06+		EMER-A	
6PHENG1	63ZZZZ-01	MAJOR	250-300	06+		EMER-A	
6PHENG2	63ZZZZ-01	MAJOR	250-300	06+		EMER-A	
LLENG1	63ZZZZ-01	MAJOR	100-250	06+		EMER-A	
LLENG2	63ZZZZ-01	MAJOR	100-250	06+		EMER-A	
PWSEMGEN	63ZZZZ-01	MAJOR	100-250	06+		EMER-A	
RSEMGEN	63ZZZZ-01	MAJOR	100-	06+		EMER-A	

**Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 10)
Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
3RDSTENG1	60III-01	2005+	NONE	FIRE	CON	0706+
3RDSTENG2	60III-01	2005+	NONE	FIRE	CON	0706+
5PHENG1	60III-01	2005+	NONE	FIRE	CON	0706+
5PHENG2	60III-01	2005+	NONE	FIRE	CON	0706+
6PHENG1	60III-01	2005+	NONE	FIRE	CON	0706+
6PHENG2	60III-01	2005+	NONE	FIRE	CON	0706+
LLENG1	60III-01	2005+	NONE	FIRE	CON	0706+
LLENG2	60III-01	2005+	NONE	FIRE	CON	0706+
PWSEMGEN	60III-01	2005+	NONE	EMERG	CON	0406+
RSEMGEN	60III-01	2005+	NONE	EMERG	CON	0406+

**Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 11)
Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
3RDSTENG1	60III-01	DIESEL		10-		2015	
3RDSTENG2	60III-01	DIESEL		10-		2015	
5PHENG1	60III-01	DIESEL		10-		2015	
5PHENG2	60III-01	DIESEL		10-		2015	
6PHENG1	60III-01	DIESEL		10-		2015	
6PHENG2	60III-01	DIESEL		10-		2015	
LLENG1	60III-01	DIESEL		10-		2015	
LLENG2	60III-01	DIESEL		10-		2015	
PWSEMGEN	60III-01	DIESEL		10-CS		2017+	
RSEMGEN	60III-01	DIESEL		10-		2012	

**Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 12)
Federal Operating Permit Program**

**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
3RDSTENG1	60III-01	F130-368			YES	MANU YES		
3RDSTENG2	60III-01	F130-368			YES	MANU YES		
5PHENG1	60III-01	F130-368			YES	MANU YES		
5PHENG2	60III-01	F130-368			YES	MANU YES		
6PHENG1	60III-01	F130-368			YES	MANU YES		
6PHENG2	60III-01	F130-368			YES	MANU YES		
LLENG1	60III-01	F130-368			YES	MANU YES		
LLENG2	60III-01	F130-368			YES	MANU YES		
PWSEMGEN	60III-01	E130-368			YES	MANU YES		
RSEMGEN	60III-01	E19-37			NO	MANU YES		

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
GRP UDTK1	R5112-01	NONE		VOC1	A1K-25K			
T03AD2054T	R5112-01	NONE		VOC1	A1K-25K			
T03AD2427	R5112-01	NONE		VOC1	A1K-25K			
T03SD2550	R5112-01	NONE		VOC1	A1K-25K			
T03AIPDAN	R5112-01	NONE		VOC1	A40K+			
T03AIPDAS	R5112-01	NONE		VOC1	A40K+			
W03A005	R5112-01	NONE		VOC1	A40K+			
W03A005A	R5112-01	NONE		VOC1	A40K+			

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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.
GRP UDTK1	R5112-01		NONE1	1-				
T03AD2054T	R5112-01		NONE1	1-				
T03AD2427	R5112-01		NONE1	1-				
T03SD2550	R5112-01		NONE1	1-				
T03AIPDAN	R5112-01		NONE1	1-				
T03AIPDAS	R5112-01		NONE1	1-				
W03A005	R5112-01		VRS1	1.5+A			FLARE	C09A032
W03A005A	R5112-01		VRS1	1.5+A			FLARE	C09A032

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
E17A020	R5211-01	OTHER	NONE		VOC1	LOAD	0.5-		

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 6)
Federal Operating Permit Program

Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Construction/ Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, AAAA, or CCCC	Subpart KKKK	Subpart Cb or BBBB	Temporary Boiler
E02B030	60Db-01	97-05C	250+	NO	NO	NO	NO	NO	<i>NO</i>
E02B030	60Db-02	97-05C	250+	NO	NO	NO	NO	NO	<i>NO</i>
E02B030	60Db-03	97-05C	250+	NO	NO	NO	NO	NO	<i>NO</i>
E02B030	60Db-04	97-05C	250+	NO	NO	NO	NO	NO	<i>NO</i>

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 7)
Federal Operating Permit Program

Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Additional Applicability Requirement	ACF Option SO ₂	ACF Option PM	ACF Option NO _x
E02B030	60Db-01	NG				<i>NONE</i>	OTHR	OTHR	OTHR
E02B030	60Db-02	NG	NSNFF			<i>NONE</i>	OTHR	OTHR	OTHR
E02B030	60Db-03	HZW	NG	NSNFF		<i>NONE</i>	OTHR	OTHR	OTHR
E02B030	60Db-04	HZW	NG			<i>NONE</i>	OTHR	OTHR	OTHR

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 8)
Federal Operating Permit Program

Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	60.49 Da(n) Alternative	60.49 Da(m) Alternative
E02B030	60Db-01					NO		NO	NO
E02B030	60Db-02					NO		NO	NO
E02B030	60Db-03					NO		NO	NO
E02B030	60Db-04					NO		NO	NO

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 9)
Federal Operating Permit Program

Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type PM (Opacity)	Monitoring Type NO _x	Monitoring Type SO ₂	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
E02B030	60Db-01		NONE	NONE	CEM	ASFRD	CONV	OTHER				
E02B030	60Db-02		NONE	NONE	CEM	ASFRD	CONV	OTHER	NGLOW	YES		
E02B030	60Db-03		NONE	NONE	CEM	ASFRD	CONV	OTHER	NGLOW	YES		
E02B030	60Db-04		NONE	NONE	CEM	ASFRD	CONV	OTHER	NGLOW	YES		

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 13)
Federal Operating Permit Program

Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input
E02B030	R7ICI-01	ICIB-X	250+			NG			22+
E02B030	R7ICI-02					ORG	NG		22+
E02B030	R7ICI-03					ORG	NG	LQD	22+
E02B030	R7ICI-04					NG	LQD		22+

**Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 14)
Federal Operating Permit Program**

**Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	NO _x Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NO _x Emission Limit Average	NO _x Reduction	Common Stack Combined
E02B030	R7ICI-01	310D				YES	30/24	NONE	
E02B030	R7ICI-02	310D				YES	30/24	NONE	
E02B030	R7ICI-03	310D				YES	30/24	NONE	
E02B030	R7ICI-04	310D				YES	30/24	NONE	

**Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 15)
Federal Operating Permit Program**

**Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NO _x Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Emission Monitoring
E02B030	R7ICI-01		CEMS	X40A	310C	CEMS		
E02B030	R7ICI-02		CEMS	X40A	310C	CEMS		
E02B030	R7ICI-03		CEMS	X40A	310C	CEMS		
E02B030	R7ICI-04		CEMS	X40A	310C	CEMS		

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 24)
Federal Operating Permit Program

Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Type Fuel	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standard	Heating Value	Hg Feedrate
E02B030	63EEE-01	LIQUID	YES	NO		CO-IL	YES	YES
E02B030	63EEE-02	LIQUID	YES	NO		CO-IL	NO	YES

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 25)
Federal Operating Permit Program

Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Alt Metals	Met Feedrate	CO/THC Standard	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone
E02B030	63EEE-01	YES	YES	CO-5	NO		NO	YES	NO
E02B030	63EEE-02	YES	YES	CO-5	NO		NO	YES	NO

Boiler/Steam Generator/Steam Generating Unit Attributes – Form OP-UA6 (Page 37)
Federal Operating Permit Program

Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
<i>E02B030</i>	<i>63DDDDD-01</i>	<i>NEW</i>	<i>T3.ITS</i>		

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Equipment Type	Non Research and Development/Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL
F02B001-01	63H-ALL						
F17A001	63H-ALL						

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

Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID. No.	SOP/GOP Index No.	Title 30 TAC § 115.780 Applicable	Less Than 250 Components at Site	Weight Percent HRVOC	Title 30 TAC Chapter 115 Fugitive Unit Components		
					Pumps with Shaft Seal System	Compressors with Shaft Seal System	Agitators with Shaft Seal System
F17A001	R5780-ALL						

**Cooling Tower Attributes - Form OP-UA13 (Page 3)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
E02BCTR2	R5760-01	NONE	NO	NO	
E02BCTR4	R5760-01	NONE	NO	NO	
E02BCTR5	R5760-01	NONE	NO	NO	
E02BCTR6	R5760-01	NONE	NO	NO	
E02BCTR9	R5760-01	NONE	NO	NO	

**Cooling Tower Attributes - Form OP-UA13 (Page 4)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP Index No.	Jacketed Reactor	Design Capacity	Finite Volume System	Flow Monitoring/ Testing Method	Total Strippable VOC	On-Line Monitor
E02BCTR2	R5760-01	NO	8000+	NO	DATA	NO	YES
E02BCTR4	R5760-01	NO	8000+	NO	DATA	NO	YES
E02BCTR5	R5760-01	NO	8000+	NO	DATA	NO	YES
E02BCTR6	R5760-01	NO	8000+	NO	DATA	NO	YES
E02BCTR9	R5760-01	NO	8000+	NO	DATA	NO	YES

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

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

Date	Permit No.	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement (ACR)	ACR ID No.	Exemption	Emission Control Option	Control Device	Control Device ID No.
T03AY2048T	R5131-01	NO		ATVP			
T03AY2050T	R5131-01	NO		ATVP			

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

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

Date	Permit No.:	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
3RDSTENG1	R1111-01	NO		OTHER	NONE	72+	100-
3RDSTENG2	R1111-01	NO		OTHER	NONE	72+	100-
5PHENG1	R1111-01	NO		OTHER	NONE	72+	100-
5PHENG2	R1111-01	NO		OTHER	NONE	72+	100-
6PHENG1	R1111-01	NO		OTHER	NONE	72+	100-
6PHENG2	R1111-01	NO		OTHER	NONE	72+	100-
AS-2	R1111-01	NOVIS		OTHER	NONE	72+	100-
E02B030	R1111-01	NO		OTHER	NONE	72+	100+
LLENG1	R1111-01	NO		OTHER	NONE	72+	100-
LLENG2	R1111-01	NO		OTHER	NONE	72+	100-

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

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

Date	Permit No.:	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
AS-2	R5121-01	NO	NO	REGVAPPL		100-		YES
E02B030	R5121-01	NO	NO	REGVAPPL				

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

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

Date	Permit No.:	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
E02B030	R5121-01	NONE		OTHER	E02B030

Solvent Degreasing Machine Attributes – Form OP-UA16 (Page 1)
Federal Operating Permit Program

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

Date	Permit No.:	Regulated Entity No.
July 1, 2025	O1921	RN100219351

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
P19ADEG8	R5412-01	COLD	NO		NO	.06-	YES	NO	16-	YES		

Cleaning/Depainting Operation Attributes – Form OP-UA57 (Page 7)
Federal Operating Permit Program

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

Date	Permit No.:	Regulated Entity No.
July 1, 2025	O1921	RN100219351

Process ID No.	SOP/GOP Index No.	Exemption	Alternate Control Requirement	ACR ID No.	Compliance Demonstration	Minor Modification	Minor Modification ID No.	Vapor Recovery	Emission Control
P19ADEG8	R5460-01	115REQ							
PROMAINT	R5460-01	NONE	NONE		VOC	NO			
PROMAINT	R5460-02	NONE	NONE		VAP	NO			

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

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

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆ 1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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

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

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

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

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

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

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

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

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

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

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

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

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

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes non-contact cooling water systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes completely closed drain systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004		
◆ 1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "No," go to Section VI.I.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆ 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆ 1. The application area includes equipment in benzene service.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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

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

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Fabricating Commercial Asbestos

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

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

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

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Waste Stream Exemptions

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

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

Individual Drain Systems

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

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

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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.	<p>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).</p> <p><i>If the response to Question VIII.B.2 is "No," go to Section VIII.D.</i></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	<p>The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	<p>The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	<p>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.</p> <p><i>If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.</i></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Vapor Collection and Closed Vent Systems

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

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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. <i>If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Transfer Racks

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

12.	The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

Gas Streams

39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> Yes <input type="checkbox"/> No
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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

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

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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)

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

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

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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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "No," go to Section VIII.K.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "No," go to Section VIII.K.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. Yes No
If the response to Question VIII.J.15 is "No," go to Section VIII.K.

16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). Yes No
If the response to Question VIII.J.16 is "No," go to Section VIII.K.

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

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

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

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

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

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

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

Applicability (continued)

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

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

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

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

Applicability (continued)

9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Containers, Drains, and other Appurtenances

11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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

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

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

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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

<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<p>2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

<p>◆ 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.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>◆ 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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>◆ 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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>◆ 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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

◆ 5.	<p>The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	<p>The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	<p>The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	<p>The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	<p>Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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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)

<p>15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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

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

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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)

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

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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)

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

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

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

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

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

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

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

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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Containers

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

15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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| ◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)

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| 1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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| 2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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| 3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP.
<i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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| 4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF.
<i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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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.

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| 1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation

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| 1. The application area includes a facility at which a site remediation is conducted.
<i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. The application area is located at a site that is a major source of HAP.
<i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).
<i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. All site remediation activities are complete, and the Administrator has been notified in writing.
<i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.
<i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 7. No site remediation will exceed 30 consecutive calendar days.
<i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.
<i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities

◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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GG. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
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40 CFR Part 63, Subparts EEE (HWC MACT), ZZZZ (RICE MACT) and DDDDD (Boiler 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.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone		
A. Subpart A - Production and Consumption Controls		
◆ 1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners		
◆ 1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆ 1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement		
◆ 1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆ 1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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

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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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "No," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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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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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
2958A	08/10/2023 11/08/2013				
48988	06/05/2025 02/17/2015				
9085	09/27/2024 12/20/2019				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.261	11/01/2003	106.472	03/14/1997	106.533	07/04/2004
106.262	11/01/2003	106.472	09/04/2000	51	09/12/1989
106.263	11/01/2001	106.478	09/04/2000	51	04/05/1995
106.371	09/04/2000	106.492	03/14/1997	51	10/04/1995
106.412	09/04/2000	106.511	03/14/1997	51	06/07/1996
106.433	09/04/2000	106.511	09/04/2000	53	09/12/1989
106.451	09/04/2000	106.512	06/13/2001	61	09/12/1989
106.452	09/04/2000	106.532	03/14/1997	106.492	09/04/2000
106.454	07/08/1998	106.532	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
HW-50242-001					

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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		DSLTK-A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(3)	Capacity < 25,000 gallons and is located at a motor vehicle fuel dispensing facility
		DSLTK-A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity < 19,800 gallons
		E02B030	OP-UA6	30 TAC Chapter 112, Sulfur Compounds	112.9(a)	The boiler does not combust liquid or solid fossil fuel
		E02B030	OP-UA6	40 CFR Part 60, Subpart Dc	60.40c(a)	Maximum design heat input capacity > 29 MW (100 MMBtu/hr)
		E02B030	OP-UA6	40 CFR Part 63, Subpart F	63.101	Vent gas stream is exempt because the gas stream is routed to fuel gas system, as defined by 63.101
		E02BCTR2	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	Cooling towers are not operated with chromium-based water treatment chemicals
		E02BCTR4	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	Cooling towers are not operated with chromium-based water treatment chemicals
		E02BCTR5	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	Cooling towers are not operated with chromium-based water treatment chemicals
		E02BCTR6	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	Cooling towers are not operated with chromium-based water treatment chemicals
		E02BCTR9	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	Cooling towers are not operated with chromium-based water treatment chemicals
		E03ATBST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessels stores something other than volatile organic compound

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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		E03ATBST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		E03CIST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessels stores something other than volatile organic compound
		E03CIST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		E03NAST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessels stores something other than volatile organic compound
		E03NAST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		E03OSST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessels stores something other than volatile organic compound
		E03OSST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		F02B0001	OP-UA12	40 CFR Part 60, Subpart VV	60.480(a)(2) 60.481	Unit does not meet the definition of an affected facility pursuant to 60.480(a)(2) and 60.481
		F02B0001	OP-UA12	40 CFR Part 61, Subpart V	61.240(a) 61.240(b)	The facility is not intended to operate in VHAP service
		F02B0001	OP-UA12	40 CFR Part 61, Subpart J	61.110(c)(3)	Does not operate in benzene service
		F02B0001	OP-UA12	40 CFR Part 63, Subpart H	63.160(a)	Process unit is not a SOCM1 CMPU, therefore not applicable to Subpart H
		F02B0001-01	OP-UA12	40 CFR Part 60, Subpart VV	63.160(c)(1)	NSPS VV superseded by MACT H

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		F02B0001-01	OP-UA12	40 CFR Part 61, Subpart J	61.110(c)(3)	Does not operate in benzene service
		F02B0001-01	OP-UA12	40 CFR Part 61, Subpart V	61.240(a) 61.240(b)	The facility is not intended to operate in VHAP service
		F17A001	OP-UA12	40 CFR Part 60, Subpart VV	63.160(c)(1)	NSPS VV superseded by MACT H
		F17A001	OP-UA12	40 CFR Part 61, Subpart J	61.110(c)(3)	Does not operate in benzene service
		F17A001	OP-UA12	40 CFR Part 61, Subpart V	61.240(a) 61.240(b)	The facility is not intended to operate in VHAP service
		GASTK-B	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(3)	Capacity < 25,000 gallons and is located at a motor vehicle fuel dispensing facility
		GASTK-B	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity < 19,800 gallons
		GRP UDTK1	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	The process vessel does not store petroleum liquid
		GRP UDTK1	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		GRP UDTK1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	The storage tanks commenced construction, reconstruction, or modification before July 23, 1984
		P19ADIESP1	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(4)	Located at a motor vehicle fuel dispensing facility, such facilities are exempt from the requirement

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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		P19AGASP1	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(4)	Located at a motor vehicle fuel dispensing facility, such facilities are exempt from the requirement
		T03AD2054T	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity < 19,800 gallons
		T03AD2427	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity < 19,800 gallons
		T03AD2550	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Capacity < 19,800 gallons
		T03AT1BDST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT1BDST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT1CIST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT1CIST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT1DST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT1DST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT5CIST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT5CIST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL

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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		T03AT5DST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT5DST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT5YMCI	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT5YMCI	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT6BDST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT6BDST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT6CIST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT6CIST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		T03AT6DST	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Storage vessel stores something other than volatile organic compound
		T03AT6DST	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Not storing a VOL
		W03A005	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Tank capacity is greater than 39,900 gallons and vapor pressure is less than 0.5 psia
		W03A005A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(b)	Tank capacity is greater than 39,900 gallons and vapor pressure is less than 0.5 psia

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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		W03ARECGW1	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Any VOC water separator which is designed solely to capture storm water, spills, or exterior surface cleanup waters (or remediation activities) is exempt from this undesignated head
		W03ARECGW2	OP-REQ2	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Any VOC water separator which is designed solely to capture storm water, spills, or exterior surface cleanup waters (or remediation activities) is exempt from this undesignated head

**Applicable Requirements Summary
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Table 1a: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	3RDSTENG1	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	3RDSTENG1	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	3RDSTENG1	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	3RDSTENG1	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	3RDSTENG1	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	3RDSTENG2	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	3RDSTENG2	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	3RDSTENG2	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	3RDSTENG2	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	3RDSTENG2	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)

**Applicable Requirements Summary
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Table 1a: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	5PHENG1	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	5PHENG1	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	5PHENG1	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	5PHENG1	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	5PHENG1	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	5PHENG2	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	5PHENG2	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	5PHENG2	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	5PHENG2	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	5PHENG2	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	6PHENG1	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)

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

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	6PHENG1	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	6PHENG1	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	6PHENG1	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	6PHENG1	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	6PHENG2	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	6PHENG2	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	6PHENG2	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	6PHENG2	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	6PHENG2	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	AS-2	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B)
	AS-2	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.127(a)(2)(A), [G]115.122(a)(4), 115.127(a)(2)

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Table 1a: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	E02B030	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(C), 111.111(a)(1)(E)
	E02B030	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(C)
	E02B030	OP-UA6	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(3)(A), (b), [G]117.310(e)(1), (e)(2), [G](e)(3), (e)(4), 117.320(a)-(b), [G](c), (i)-(k), 117.340(f)(1), (l)(2), (p)(1), (p)(3)
	E02B030	OP-UA6	R7ICI-02	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(3)(A), (b), [G]117.310(e)(1), (e)(2), [G](e)(3), (e)(4), 117.320(a)-(b), [G](c), (i)-(k), 117.340(f)(1), (l)(2), (p)(1), (p)(3)
	E02B030	OP-UA6	R7ICI-03	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(3)(A), (b), [G]117.310(e)(1), (e)(2), [G](e)(3), (e)(4), 117.320(a)-(b), [G](c), (i)-(k), 117.340(f)(1), (l)(2), (p)(1), (p)(3)
	E02B030	OP-UA6	R7ICI-04	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(3)(A), (b), [G]117.310(e)(1), (e)(2), [G](e)(3), (e)(4), 117.320(a)-(b), [G](c), (i)-(k), 117.340(f)(1), (l)(2), (p)(1), (p)(3)
	E02B030	OP-UA6	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-01	PM	40 CFR Part 60, Subpart Db	60.40b(a)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	E02B030	OP-UA6	60Db-01	PM (Opacity)	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-02	SO ₂	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-02	PM	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-02	PM (Opacity)	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-03	SO ₂	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-03	PM	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-03	PM (Opacity)	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-03	NO _x	40 CFR Part 60, Subpart Db	60.44b(l)(2), 60.44b(h)-(i), 60.46(a)
	E02B030	OP-UA6	60Db-04	SO ₂	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-04	PM	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-04	PM (Opacity)	40 CFR Part 60, Subpart Db	60.40b(a)
	E02B030	OP-UA6	60Db-04	NO _x	40 CFR Part 60, Subpart Db	60.44b(l)(2), 60.44b(h)-(i), 60.46(a)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
3	E02B030	<i>OP-UA6</i> OP-UA4	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	<i>63.7500(a)(1)-Table 3.1, 63.7500(a)(1), 63.7500(a)(3), 63.7505(a), 63.7540(a), [G]63.7540(a)(10), (a)(12)-(13) 63.7505</i>
	E02B030	OP-UA6	63EEE-01	Dioxins/ Furans	40 CFR Part 63, Subpart EEE	63.1217(a)(1)(ii), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1)-(2) 63.1209(c)(1), [G](c)(2), [G](d), (i), (k), 63.1209(k)(1)(i), (k)(2)(i)-(ii), [G]63.1209(k)(3)-(4), (k)(5), [G](k)(6)-(9) 63.1209(p), [G](q), 63.1211(c)(1)-(2), 63.1211(c)(4), 63.1217(d)
	E02B030	OP-UA6	63EEE-01	Mercury	40 CFR Part 63, Subpart EEE	63.1217(a)(2)(i), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), [G]63.1207(m)(1)-(2), (m)(3), 63.1209(c)(1), [G](c)(2), [G](d), (i), [G]63.1209(l)(1)(v), (p), [G](q), 63.1211(c)(1)-(2), (c)(4), 63.1217(d)

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Table 1a: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	E02B030	OP-UA6	63EEE-01	Total Chlorine	40 CFR Part 63, Subpart EEE	63.1217(a)(6)(i), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), [G]63.1207(m)(1)-(2), (m)(3), 63.1209(c)(1), [G](c)(2), [G](d), (i), (n)(4) 63.1209(o), (o)(1)(ii)(B), [G](o)(2)-(3), 63.1209(o)(4), (p), [G](q), 63.1211(c)(1)-(2), (c)(4), 63.1217(d)
	E02B030	OP-UA6	63EEE-01	Principal Organic Hazardous Constituent	40 CFR Part 63, Subpart EEE	63.1217(c)(1), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), 63.1209(c)(1), [G](c)(2), [G](d), (i), [G](j) 63.1209(p), [G](q), 63.1211(c)(1)-(2), 63.1211(c)(4), 63.1217(c)(3)(i)-(ii)
	E02B030	OP-UA6	63EEE-01	Total Hydrocarbons /CO	40 CFR Part 63, Subpart EEE	63.1217(a)(5)(i), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), 63.1209(c)(1), [G](c)(2), [G](d), (i), 63.1209(p), [G](q), 63.1211(c)(1)-(2), 63.1211(c)(4), 63.1217(d)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	E02B030	OP-UA6	63EEE-02	Dioxins/ Furans	40 CFR Part 63, Subpart EEE	63.1217(a)(1)(ii), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1)-(2) 63.1209(c)(1), [G](c)(2), [G](d), (i), (k), 63.1209(k)(1)(i), (k)(2)(i)-(ii), [G]63.1209(k)(3)-(4), (k)(5), [G](k)(6)-(9) 63.1209(p), [G](q), 63.1211(c)(1)-(2), 63.1211(c)(4), 63.1217(d)
	E02B030	OP-UA6	63EEE-02	Mercury	40 CFR Part 63, Subpart EEE	63.1217(a)(2)(i), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), [G]63.1207(m)(1)-(2), (m)(3), 63.1209(c)(1), [G](c)(2), [G](d), (i), [G]63.1209(l)(1)(v), (p), [G](q), 63.1211(c)(1)-(2), (c)(4), 63.1217(d)
	E02B030	OP-UA6	63EEE-02	Total Chlorine	40 CFR Part 63, Subpart EEE	63.1217(a)(6)(i), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), [G]63.1207(m)(1)-(2), (m)(3), 63.1209(c)(1), [G](c)(2), [G](d), (i), (n)(4) 63.1209(o), (o)(1)(ii)(B), [G](o)(2)-(3), 63.1209(o)(4), (p), [G](q), 63.1211(c)(1)-(2), (c)(4), 63.1217(d)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC		Area Name: Utilities and Maintenance Department

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)
	E02B030	OP-UA6	63EEE-02	Principal Organic Hazardous Constituent	40 CFR Part 63, Subpart EEE	63.1217(c)(1), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), 63.1209(c)(1), [G](c)(2), [G](d), (i), [G](j) 63.1209(p), [G](q), 63.1211(c)(1)-(2), 63.1211(c)(4), 63.1217(c)(3)(i)-(ii)
	E02B030	OP-UA6	63EEE-02	Total Hydrocarbons /CO	40 CFR Part 63, Subpart EEE	63.1217(a)(5)(i), [G]63.1206(b)(5), [G]63.1206(c)(1)-(5), (c)(6)(i)-(ii), [G]63.1206(c)(6)(iv)-(vi), [G](c)(7), 63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), 63.1209(c)(1), [G](c)(2), [G](d), (i), 63.1209(p), [G](q), 63.1211(c)(1)-(2), 63.1211(c)(4), 63.1217(d)
	E02BCTR2	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.766(i)
	E02BCTR4	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.766(i)
	E02BCTR5	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.766(i)
	E02BCTR6	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.766(i)
	E02BCTR9	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.766(i)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	E17A020	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.214(a)(1)(B), 115.214(a)(1)(D), (a)(1)(D)(i)
	F02B001-01	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	ALL
	F17A001	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	ALL
	F17A001	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	ALL
	GRP UDTK1	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	LLENG1	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	LLENG1	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	LLENG1	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	LLENG1	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	LLENG1	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	LLENG2	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(B), 111.111(a)(1)(E)
	LLENG2	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

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)
	LLENG2	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart IIII	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	LLENG2	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart IIII	60.4205(c)-Table 4, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	LLENG2	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	P19ADEG8	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), [G](1)(F)
	P19ADEG8	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Subchapter E, Division 6	[G]115.461(c)
	PROMAINT	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(1), [G]115.463(c)
	PROMAINT	OP-UA57	R5460-02	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(2), [G]115.463(c)
	PWSEMGEN	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	PWSEMGEN	OP-UA2	60III-01	CO	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(2), 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218, 89.112(a)
	PWSEMGEN	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(2), 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218, 89.112(a)

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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)
	PWSEMGEN	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(2), 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218, 89.112(a)
	PWSEMGEN	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	RSEMGEN	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	RSEMGEN	OP-UA2	60III-01	CO	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(1)(ii), 60.4202(a)(1)(ii)-Table 2, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	RSEMGEN	OP-UA2	60III-01	NMHC & NO _x	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(1)(ii), 60.4202(a)(1)(ii)-Table 2, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	RSEMGEN	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart IIII	60.4205(b), 60.4202(a)(1)(ii), 60.4202(a)(1)(ii)-Table 2, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f), 60.4218
	RSEMGEN	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	T03AD2054T	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(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)
	T03AD2427	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T03AD2550	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T03AIPDAN	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	T03AIPDAS	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.113, 115.910
	T03AY2048T	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.137(a)(2), [G]115.132(a)(4)
	T03AY2050T	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.137(a)(2), [G]115.132(a)(4)
	W03A005	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18
	W03A005A	OP-UA3	R5121-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(C), 60.18

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	3RDSTENG1	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	3RDSTENG1	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	3RDSTENG1	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	3RDSTENG1	60III-01	PM	NONE	NONE	[G]60.4214(d)
	3RDSTENG1	63ZZZZ-01	HAPS	NONE	NONE	NONE
	3RDSTENG2	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	3RDSTENG2	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	3RDSTENG2	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	3RDSTENG2	60III-01	PM	NONE	NONE	[G]60.4214(d)
	3RDSTENG2	63ZZZZ-01	HAPS	NONE	NONE	NONE
	5PHENG1	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE

**Applicable Requirements Summary
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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	5PHENG1	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	5PHENG1	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	5PHENG1	60III-01	PM	NONE	NONE	[G]60.4214(d)
	5PHENG1	63ZZZZ-01	HAPS	NONE	NONE	NONE
	5PHENG2	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	5PHENG2	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	5PHENG2	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	5PHENG2	60III-01	PM	NONE	NONE	[G]60.4214(d)
	5PHENG2	63ZZZZ-01	HAPS	NONE	NONE	NONE
	6PHENG1	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	6PHENG1	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE

**Applicable Requirements Summary
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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	6PHENG1	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	6PHENG1	60III-01	PM	NONE	NONE	[G]60.4214(d)
	6PHENG1	63ZZZZ-01	HAPS	NONE	NONE	NONE
	6PHENG2	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	6PHENG2	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	6PHENG2	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	6PHENG2	60III-01	PM	NONE	NONE	[G]60.4214(d)
	6PHENG2	63ZZZZ-01	HAPS	NONE	NONE	NONE
	AS-2	R1111-01	Opacity	NONE	NONE	NONE
	E02B030	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	E02B030	R5121-01	VOC	[G]115.125, 115.126(1), (1)(C), 115.126(2)	115.126, (1), (1)(C), (2)	NONE

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	R7ICI-01	NO _x	117.320(d), [G](e), (h), (k), [G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(1), (g), 117.340(a), (b)(1), (b)(3), (c)(1), [G]117.340(c)(3), [G](f)(2), 117.340(l)(2), (o)(1), (p)(1), 117.8100(a), (a)(1), 117.8100(a)(1)(A)-(B), 117.8100(a)(1)(B)(i)-(ii), 117.8100(a)(1)(C), (a)(2), [G]117.8100(a)(3), (a)(4)-(5), 117.8100(a)(5)(A)-(B), [G]117.8100(a)(5)(D)-(E), (a)(6)	117.320(f), 117.345(a), (f), 117.345(f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.320(g), 117.335(b), (g), [G]117.345(b)-(c), (d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G](3), 117.8010(4), [G](5), (6), [G](7)-(8), 117.8100(c)
	E02B030	R7ICI-02	NO _x	117.320(d), [G](e), (h), (k), [G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(1), (g), 117.340(a), (b)(1), (b)(3), (c)(1), [G]117.340(c)(3), [G](f)(2), 117.340(l)(2), (o)(1), (p)(1), 117.8100(a), (a)(1), 117.8100(a)(1)(A)-(B), 117.8100(a)(1)(B)(i)-(ii), 117.8100(a)(1)(C), (a)(2), [G]117.8100(a)(3), (a)(4)-(5), 117.8100(a)(5)(A)-(B), [G]117.8100(a)(5)(D)-(E), (a)(6)	117.320(f), 117.345(a), (f), 117.345(f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.320(g), 117.335(b), (g), [G]117.345(b)-(c), (d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G](3), 117.8010(4), [G](5), (6), [G](7)-(8), 117.8100(c)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	R7ICI-03	NO _x	117.320(d), [G](e), (h), (k), [G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(1), (g), 117.340(a), (b)(1), (b)(3), (c)(1), [G]117.340(c)(3), [G](f)(2), 117.340(l)(2), (o)(1), (p)(1), 117.8100(a), (a)(1), 117.8100(a)(1)(A)-(B), 117.8100(a)(1)(B)(i)-(ii), 117.8100(a)(1)(C), (a)(2), [G]117.8100(a)(3), (a)(4)-(5), 117.8100(a)(5)(A)-(B), [G]117.8100(a)(5)(D)-(E), (a)(6)	117.320(f), 117.345(a), (f), 117.345(f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.320(g), 117.335(b), (g), [G]117.345(b)-(c), (d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G](3), 117.8010(4), [G](5), (6), [G](7)-(8), 117.8100(c)
	E02B030	R7ICI-04	NO _x	117.320(d), [G](e), (h), (k), [G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(1), (g), 117.340(a), (b)(1), (b)(3), (c)(1), [G]117.340(c)(3), [G](f)(2), 117.340(l)(2), (o)(1), (p)(1), 117.8100(a), (a)(1), 117.8100(a)(1)(A)-(B), 117.8100(a)(1)(B)(i)-(ii), 117.8100(a)(1)(C), (a)(2), [G]117.8100(a)(3), (a)(4)-(5), 117.8100(a)(5)(A)-(B), [G]117.8100(a)(5)(D)-(E), (a)(6)	117.320(f), 117.345(a), (f), 117.345(f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.320(g), 117.335(b), (g), [G]117.345(b)-(c), (d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G](3), 117.8010(4), [G](5), (6), [G](7)-(8), 117.8100(c)

**Applicable Requirements Summary
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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	60Db-01	SO ₂	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-01	PM	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-01	PM (Opacity)	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-02	SO ₂	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-02	PM	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-02	PM (Opacity)	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-03	SO ₂	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-03	PM	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-03	PM (Opacity)	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-03	NO _x	60.46b(c), (e), (e)(1), (e)(3), [G]60.48b(b), (c)-(e), [G](e)(2), 60.48b(e)(3), (f)	[G]60.48b(b), (c), [G]60.49b(d), [G]60.49b(g), (o)	60.49b(a), (a)(1), (a)(3), (b), 60.49b(h)-(i), (v), (w)
	E02B030	60Db-04	SO ₂	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	60Db-04	PM	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-04	PM (Opacity)	NONE	[G]60.49b(d), (o)	60.49b(a), (a)(1), (a)(3)
	E02B030	60Db-04	NO _x	60.46b(c), (e), (e)(1), (e)(3), [G]60.48b(b), (c)-(e), [G](e)(2), 60.48b(e)(3), (f)	[G]60.48b(b), (c), [G]60.49b(d), [G]60.49b(g), (o)	60.49b(a), (a)(1), (a)(3), (b), 60.49b(h)-(i), (v), (w)
3	E02B030	63DDDDDD-01	HAPS	<i>63.7515(d), 63.7525(a)(7), 63.7540(a), [G](a)(10)</i> General High Level Applicability	<i>63.7555(a), (a)(1), 63.7560(a)-(c)</i> General High Level Applicability	<i>63.7530(e), (f), 63.7545(a)-(c), [G]63.7545(e), 63.7550(a), [G]63.7550(b)-(c), [G](h)</i> General High Level Applicability

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-01	Dioxins/ Furans	[G]63.1206(b)(12) [G](b)(5), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), [G](b)(2)-(3), 63.1207(c)(1), [G](c)(2), [G](d), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), (f)(1)(xii), 63.1207(f)(1)(xxvii), (g), 63.1207(g)(1)(i)(A), (g)(1)(ii), 63.1207(g)(2)(ii), (g)(2)(v), [G]63.1207(h)-(i), [G](l)(1) [G]63.1208(b)(1), (b)(7)-(8), 63.1209(b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), [G](d), [G](f), 63.1209(g)(1)(i)-(ii), (i), (k)(2)(i) [G]63.1209(k)(3), [G](k)(8), (p), [G]63.1209(q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), 63.1209(b)(1), [G]63.1209(c)(2), [G](c)(4), (k)(2)(i), [G]63.1209(k)(3), [G](q), 63.1211(b), [G]63.1211(c)(3), [G](d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(2)-(5), [G](k) [G]63.1207(l)(1), (l)(3), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-01	Mercury	[G]63.1206(b)(12) [G](b)(5), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), (c)(1), [G](c)(2), [G]63.1207(d), [G](e), [G](f)(1)(i), (f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), [G](x), 63.1207(f)(1)(xii), (f)(1)(xxvii), 63.1207(g), (g)(1)(ii), [G]63.1207(h)-(i), [G](l)(1), [G]63.1207(m)(1)-(2), 63.1208(b)(2), (b)(7)-(8), 63.1209(a)(5), (b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), [G](d), [G](f), 63.1209(g)(1)(i)-(ii), (i), (p), [G]63.1209(q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), [G](m)(1)-(2), 63.1209(b)(1), [G](c)(2), [G](c)(4), [G]63.1209(q), 63.1211(b), [G](c)(3), [G]63.1211(d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(3)-(5), [G](k) [G]63.1207(l)(1), (l)(3), (m)(5), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-01	Total Chlorine	[G]63.1206(b)(12) [G](b)(5), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), (c)(1), [G](c)(2), [G]63.1207(d), [G](e), [G](f)(1)(i), (f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), [G](x), 63.1207(f)(1)(xii), (f)(1)(xxvii), 63.1207(g), (g)(1)(ii), (g)(2)(iii), [G]63.1207(h)-(i), [G](l)(1), [G]63.1207(m)(1)-(2), [G]63.1208(b)(5)(i), (b)(5)(ii), 63.1208(b)(5)(ii)(B), (b)(7)-(8), 63.1209(a)(5), (b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), (c)(5), [G](d), [G]63.1209(f), (g)(1)(i)-(ii), (i), 63.1209(p), [G](q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), [G](m)(1)-(2), 63.1209(b)(1), [G](c)(2), [G](c)(4), [G]63.1209(q), 63.1211(b), [G](c)(3), [G]63.1211(d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(3)-(5), [G](k) [G]63.1207(l)(1), (l)(3), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-01	Principal Organic Hazardous Constituent	[G]63.1206(b)(12) [G](b)(5)-(6), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), (c)(1), [G](c)(2), [G]63.1207(d), [G](e), [G](f)(1)(i), (f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), [G](x), 63.1207(f)(1)(xii), (f)(1)(xxvii), 63.1207(g), (g)(1)(ii), (g)(2)(i), 63.1207(g)(2)(v), [G](h)-(i), [G]63.1207(l)(1), 63.1208(b)(7)-(8), 63.1209(a)(1)(i), (a)(2), [G]63.1209(a)(3), [G](a)(6), 63.1209(a)(7), (b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), [G](d), [G](f), 63.1209(g)(1)(i)-(ii), (i), (p), [G]63.1209(q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), [G](m)(1)-(2), 63.1209(b)(1), [G](c)(2), [G](c)(4), [G]63.1209(q), 63.1211(b), [G](c)(3), [G]63.1211(d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(2)-(5), [G](k) [G]63.1207(l)(1), (l)(3), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-02	Dioxins/ Furans	[G]63.1206(b)(12) [G](b)(5), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), [G](b)(2)-(3), 63.1207(c)(1), [G](c)(2), [G](d), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), (f)(1)(xii), 63.1207(f)(1)(xxvii), (g), 63.1207(g)(1)(i)(A), (g)(1)(ii), 63.1207(g)(2)(ii), (g)(2)(v), [G]63.1207(h)-(i), [G](l)(1) [G]63.1208(b)(1), (b)(7)-(8), 63.1209(b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), [G](d), [G](f), 63.1209(g)(1)(i)-(ii), (i), (k)(2)(i) [G]63.1209(k)(3), [G](k)(8), (p), [G]63.1209(q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), 63.1209(b)(1), [G]63.1209(c)(2), [G](c)(4), (k)(2)(i), [G]63.1209(k)(3), [G](q), 63.1211(b), [G]63.1211(c)(3), [G](d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(2)-(5), [G](k) [G]63.1207(l)(1), (l)(3), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-01	Mercury	[G]63.1206(b)(12) [G](b)(5), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), (c)(1), [G](c)(2), [G]63.1207(d), [G](e), [G](f)(1)(i), (f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), [G](x), 63.1207(f)(1)(xii), (f)(1)(xxvii), 63.1207(g), (g)(1)(ii), [G]63.1207(h)-(i), [G](l)(1), [G]63.1207(m)(1)-(2), 63.1208(b)(2), (b)(7)-(8), 63.1209(a)(5), (b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), [G](d), [G](f), 63.1209(g)(1)(i)-(ii), (i), (p), [G]63.1209(q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), [G](m)(1)-(2), 63.1209(b)(1), [G](c)(2), [G](c)(4), [G]63.1209(q), 63.1211(b), [G](c)(3), [G]63.1211(d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(3)-(5), [G](k) [G]63.1207(l)(1), (l)(3), (m)(5), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-02	Total Chlorine	[G]63.1206(b)(12) [G](b)(5), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), (c)(1), [G](c)(2), [G]63.1207(d), [G](e), [G](f)(1)(i), (f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), [G](x), 63.1207(f)(1)(xii), (f)(1)(xxvii), 63.1207(g), (g)(1)(ii), (g)(2)(iii), [G]63.1207(h)-(i), [G](l)(1), [G]63.1207(m)(1)-(2), [G]63.1208(b)(5)(i), (b)(5)(ii), 63.1208(b)(5)(ii)(B), (b)(7)-(8), 63.1209(a)(5), (b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), (c)(5), [G](d), [G]63.1209(f), (g)(1)(i)-(ii), (i), 63.1209(p), [G](q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), [G](m)(1)-(2), 63.1209(b)(1), [G](c)(2), [G](c)(4), [G]63.1209(q), 63.1211(b), [G](c)(3), [G]63.1211(d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(3)-(5), [G](k) [G]63.1207(l)(1), (l)(3), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02B030	63EEE-02	Principal Organic Hazardous Constituent	[G]63.1206(b)(12) [G](b)(5)-(6), [G]63.1206(c)(3), 63.1207(a), 63.1207(b)(1), (c)(1), [G](c)(2), [G]63.1207(d), [G](e), [G](f)(1)(i), (f)(1)(ii), 63.1207(f)(1)(ii)(A)-(C), [G]63.1207(f)(1)(iii), 63.1207(f)(1)(iv)-(ix), [G](x), 63.1207(f)(1)(xii), (f)(1)(xxvii), 63.1207(g), (g)(1)(ii), (g)(2)(i), 63.1207(g)(2)(v), [G](h)-(i), [G]63.1207(l)(1), 63.1208(b)(7)-(8), 63.1209(a)(1)(i), (a)(2), [G]63.1209(a)(3), [G](a)(6), 63.1209(a)(7), (b)(1), [G](b)(2), 63.1209(b)(3)-(4), [G](b)(5), [G]63.1209(c)(4), [G](d), [G](f), 63.1209(g)(1)(i)-(ii), (i), (p), [G]63.1209(q), (r)	63.1206(b)(11), [G](b)(12), [G](b)(5) [G]63.1206(c)(1)-(5), (c)(6)(vii), [G]63.1206(c)(7), (f)(1)(xii), 63.1207(g)(1)(iii)(A), [G](m)(1)-(2), 63.1209(b)(1), [G](c)(2), [G](c)(4), [G]63.1209(q), 63.1211(b), [G](c)(3), [G]63.1211(d)	63.1206(b)(11), [G](b)(5), [G]63.1206(c)(2)-(4), [G]63.1207(e), [G](f)(1)(i), 63.1207(f)(1)(ii), (f)(1)(ii)(A)-(C) [G]63.1207(f)(1)(iii)-(ix), 63.1207(f)(1)(xii), (f)(1)(xix), 63.1207(f)(1)(xv), (f)(1)(xvii), 63.1207(f)(1)(xviii), [G](f)(1)(xx), [G]63.1207(f)(1)(xxi), (f)(1)(xxii), 63.1207(f)(1)(xxvii), (f)(2)(ii), 63.1207(f)(2)(ix), (f)(2)(v)-(viii), 63.1207(f)(2)(x), [G](h)-(i), [G]63.1207(j)(1), (j)(2)-(5), [G](k) [G]63.1207(l)(1), (l)(3), 63.1209(c)(3), (g)(1)(i)-(ii), [G]63.1209(g)(1)(iii), [G]63.1210(a), [G](b)(1), (b)(2), 63.1210(b)(3)(i), (c)(1)(i), (c)(2), [G]63.1210(c)(3)-(4), [G](d), 63.1211(a), [G](c)(3) [G](d), 63.1212(a)
	E02BCTR2	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), 115.764(e)(1)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(e), (i)(1)	115.766(i)(2)
	E02BCTR4	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), 115.764(e)(1)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(e), (i)(1)	115.766(i)(2)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	E02BCTR5	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), 115.764(e)(1)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(e), (i)(1)	115.766(i)(2)
	E02BCTR6	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), 115.764(e)(1)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(e), (i)(1)	115.766(i)(2)
	E02BCTR9	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), 115.764(e)(1)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(e), (i)(1)	115.766(i)(2)
	E17A020	R5211-01	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	F02B001-01	63H-ALL	HAPS	ALL	ALL	ALL
	F17A001	R5780-ALL	HRVOC	ALL	ALL	ALL
	F17A001	63H-ALL	HAPS	ALL	ALL	ALL
	GRP UTK1	R5121-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	LLENG1	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	LLENG1	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	LLENG1	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	LLENG1	60III-01	PM	NONE	NONE	[G]60.4214(d)
	LLENG1	63ZZZZ-01	HAPS	NONE	NONE	NONE
	LLENG2	R1111-01	Opacity	[G]111.111(a)(1)(F)	NONE	NONE
	LLENG2	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	LLENG2	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	LLENG2	60III-01	PM	NONE	NONE	[G]60.4214(d)
	LLENG2	63ZZZZ-01	HAPS	NONE	NONE	NONE
	P19ADEG8	R5412-01	VOC	[G]115.415(1), (3)	NONE	NONE
	P19ADEG8	R5460-01	VOC	NONE	115.468(b)(2)-(3), (b)(5)	NONE
	PROMAINT	R5460-01	VOC	[G]115.465(1)	115.468(b)(1), (b)(5)	NONE
	PROMAINT	R5460-02	VOC	[G]115.465(1)	115.468(b)(1), (b)(5)	NONE

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Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PWSEMGEN	R7ICI-01	NO _x	117.8140(a), (a)(3)	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	PWSEMGEN	60III-01	CO	NONE	NONE	[G]60.4214(d)
	PWSEMGEN	60III-01	NMHC & NO _x	NONE	NONE	[G]60.4214(d)
	PWSEMGEN	60III-01	PM	NONE	NONE	[G]60.4214(d)
	PWSEMGEN	63ZZZZ-01	HAPS	NONE	NONE	NONE
	RSEMGEN	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE
	RSEMGEN	60III-01	CO	60.4209(a)	60.4214(b)	NONE
	RSEMGEN	60III-01	NMHC & NO _x	60.4209(a)	60.4214(b)	NONE
	RSEMGEN	60III-01	PM	60.4209(a)	60.4214(b)	NONE
	RSEMGEN	63ZZZZ-01	HAPS	NONE	NONE	NONE
	T03AD2054T	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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Table 1b: Additions**

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC	Area Name: Utilities and Maintenance Department	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	T03AD2427	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T03AD2550	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T03AIPDAN	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	T03AIPDAS	R5112-01	VOC	NONE	NONE	NONE
	T03AY2048T	R5131-01	VOC	[G]115.135(a), 115.136(a)(1), 115.136(a)(3)-(4)	115.136(a)(1), (a)(3)-(4)	NONE
	T03AY2050T	R5131-01	VOC	[G]115.135(a), 115.136(a)(1), 115.136(a)(3)-(4)	115.136(a)(1), (a)(3)-(4)	NONE
	W03A005	R5112-01	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), (a)(5), (a)(7)	NONE
	W03A005A	R5112-01	VOC	115.115(a), (a)(6), 115.116(a)(2), [G]115.117	115.118(a)(4), (a)(4)(F), (a)(5), (a)(7)	NONE

Section 4 – Compliance Certification Forms

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

Date: July 1, 2025	Regulated Entity No.: RN100219351	Permit No.: O1921
Company Name: Dow Hydrocarbons and Resources LLC		Area Name: Utilities and Maintenance Department

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

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an “X” in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is “Yes,” indicate the total number of Part 2 attachments included in this submittal. (<i>For reference only</i>)	
<p>* <i>For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.</i> <i>For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</i></p> <p><i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i></p>	



Section 5 – Permits by Rule Supplemental Table

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

Date	Permit Number	Regulated Entity Number
July 1, 2025	O1921	RN100219351

Unit ID No.	Registration No.	PBR No.	Registration Date
<i>F02B001-01</i>	<i>172006</i>	<i>106.261</i> <i>106.262</i>	<i>03/07/2023</i>
<i>F02B001-06</i>	<i>80073</i>	<i>106.261</i> <i>106.262</i>	<i>10/26/2006</i>
<i>F02B001-06</i>	<i>80167</i>	<i>106.261</i>	<i>11/03/2006</i>
<i>F02B0001</i>	<i>134895</i>	<i>106.261</i> <i>106.262</i>	<i>02/04/2016</i>
<i>F17A001</i>	<i>152540</i>	<i>106.261</i> <i>106.262</i>	<i>08/02/2018</i>

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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
July 1, 2025	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date
<i>3RDSTENGI 3RDSTENG2 5PHENGI 5PHENG2 6PHENGI</i>	<i>6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN</i> <i>106.511</i>	<i>09/04/2000</i>
<i>E02BCTR2 E02BCTR5</i>	<i>E02BCTR6 E02BCTR9</i> <i>106.371</i>	<i>09/04/2000</i>
<i>T03AD2427 T03AD2550</i>	<i>106.472</i>	<i>09/04/2000</i>
<i>AS-2 T03AD2054T</i>	<i>T03AY2048T T03AY2050T</i> <i>106.533</i>	<i>07/04/2004</i>
<i>DSLTK-A GASTK-B</i>	<i>P19ADIESP P19AGASP1</i> <i>106.412</i>	<i>09/04/2000</i>
<i>E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST</i>	<i>T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST</i> <i>106.532</i>	<i>09/04/2000</i>

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

Date	Permit Number	Regulated Entity Number
July 1, 2025	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date
<i>P19ADEG8</i>	<i>106.454</i>	<i>07/08/1998</i>
<i>PROMAINT</i>	<i>106.263</i> <i>106.492</i>	<i>11/01/2001</i> <i>09/04/2000</i>
<i>T03AIPDAN</i> <i>T03AIPDAS</i>	<i>61</i>	<i>09/12/1989</i>
<i>W03ARECGW1</i> <i>W03ARECGW2</i>	<i>51</i>	<i>09/12/1989</i>
<i>Surface Coating Facilities</i>	<i>106.433</i>	<i>09/04/2000</i>
<i>Wet Blast Cleaning Equipment</i>	<i>106.451</i>	<i>09/04/2000</i>
<i>Dry Abrasive Cleaning Equipment</i>	<i>106.452</i>	<i>09/04/2000</i>

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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
July 1, 2025	O1921	RN100219351

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

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

Date	Permit Number	Regulated Entity Number
July 1, 2025	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement	
<i>F02B001-01</i>	<i>106.261 106.262</i>	<i>172006</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR 2958A SC 23 (permit issue date 08/10/2023).</i>	
<i>F02B001-06</i>	<i>106.261 106.262</i>	<i>80073</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).</i>	
<i>F02B001-06</i>	<i>106.261</i>	<i>80167</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).</i>	
<i>F02B0001</i>	<i>106.261 106.262</i>	<i>134895</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).</i>	
<i>F17A001</i>	<i>106.261 106.262</i>	<i>152540</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP as required by NSR Permit No. 48988 SC 13 (Permit Issue Date 6/5/2025).</i>	
<i>3RDSTENG1 3RDSTENG2 5PHENG1 5PHENG2 6PHENG1</i>	<i>6PHENG2 LLENG1 LLENG2 PWSEMGEN RSEMGEN</i>	<i>106.511</i>	<i>09/04/2000</i>	<i>Maintain records of operation.</i>
<i>E02BCTR2 E02BCTR5</i>	<i>E02BCTR6 E02BCTR9</i>	<i>106.371</i>	<i>09/04/2000</i>	<i>Maintain records to ensure cooling tower is not being used in direct contact with gaseous or liquid process streams containing carbon compounds, sulfur compounds, halogens or halogen compounds, cyanide compounds, inorganic acids, or acid gases.</i>

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July 1, 2025	O1921	RN100219351

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>T03AD2427 T03AD2550</i>	<i>106.472</i>	<i>09/04/2000</i>	<i>Maintain records of annual throughput.</i>
<i>AS-2 T03AD2054T</i> <i>T03AY2048T T03AY2050T</i>	<i>106.533</i>	<i>07/04/2004</i>	<i>Maintain records of emissions to ensure they meet the requirements of 106.533(d)(1)-(3).</i>
<i>DSLTK-A GASTK-B</i> <i>P19ADIESP P19AGASPI</i>	<i>106.412</i>	<i>09/04/2000</i>	<i>Maintain records of equipment used to ensure it is only used store and dispense motor fuels into heavy and light-duty motor vehicles and marine vessels or other watercraft, aircraft, and railroad locomotive engines</i>
<i>E03AT5BST E03CIST E03NAST E03OSST T03AT1BDST T03AT1CIST T03AT1DST</i> <i>T03AT5CIST T03AT5DST T03AT5YMCI T03AT6BDST T03AT6CIST T03AT6DST</i>	<i>106.532</i>	<i>09/04/2000</i>	<i>Maintain records to ensure the facility only performs the functions listed in 106.532(1)(A)-(O)</i>
<i>P19ADEG8</i>	<i>106.454</i>	<i>07/08/1998</i>	<i>Maintain records of solvent makeup.</i>
<i>PROMAINT</i>	<i>106.263 106.492</i>	<i>11/01/2001 09/04/2000</i>	<i>Track emissions on a rolling 12-month basis.</i>
<i>T03AIPDAN T03AIPDAS</i>	<i>61</i>	<i>09/12/1989</i>	<i>Maintain records to ensure the facility only performs the following functions: disinfection, softening, filtration, flocculation, stabilization, taste and odor control, clarification, carbonation, biological treatment, sedimentation, neutralization, aeration (for oxidation/biodegradation purposes only), volatile organic compounds.</i>
<i>W03ARECGW1 W03ARECGW2</i>	<i>51</i>	<i>09/12/1989</i>	<i>Maintain records of materials that are loaded/unloaded.</i>

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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>Surface Coating Facilities</i>	<i>106.433</i>	<i>09/04/2000</i>	<i>Maintain records of solvent use, actual hours of operation, and emissions (lb/hr, lb/day, lb/week, and typ).</i>
<i>Wet Blast Cleaning Equipment</i>	<i>106.451</i>	<i>09/04/2000</i>	<i>Maintain records of abrasive material usage.</i>
<i>Dry Abrasive Cleaning Equipment</i>	<i>106.452</i>	<i>09/04/2000</i>	<i>Maintain records of operating hours and abrasive material usage.</i>