

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

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

I. Identifying Information
RN: RN100225945
CN: CN600356976
Account No.: BL-0082-R
Permit No.: O2213
Project No.: 37218
Area Name: Hydrocarbons
Company Name: The Dow Chemical Company
II. Certification Type <i>(Please mark appropriate box)</i>
<input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input checked="" type="checkbox"/> Other: <u>Working Draft Permit Certification</u>

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

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

IV. Certification of Truth
This certification does not extend to information which is designated by TCEQ as information for reference only.
<p>I, <u>Fran Falcon</u> certify that I am the <u>DAR</u></p> <p style="text-align: center;"><i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p>
<p>Time Period: From <u>July 10, 2025</u> to <u>December 17, 2025</u></p> <p style="text-align: center;"><i>(Start Date)</i> <i>(End Date)</i></p>
<p>Specific Dates: _____</p> <p style="text-align: center;"><i>(Date 1)</i> <i>(Date 2)</i> <i>(Date 3)</i> <i>(Date 4)</i></p>
<p>_____</p> <p style="text-align: center;"><i>(Date 5)</i> <i>(Date 6)</i></p>
<p>Signature: _____ Signature Date: <u>December 17, 2025</u></p>
<p>Title: <u>Texas Regional Environmental Leader</u></p>



December 17, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Hydrocarbons, RN100225945
Title V Operating Permit Application Update for Hydrocarbons Plant, O2213
TCEQ Project Number: 37218

Dear Mr. McDonald,

The Dow Chemical Company is providing a response to the Notice of Deficiency (NOD) items provided on December 16, 2025.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

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

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

Additional Information Request

Item 1	An updated OP-PBRSUP to include B56L7FU01 with 106.261 and 106.262 PBR's. <ul style="list-style-type: none">○ 106.261 / Version No. Date: 11/01/2003 / 149923, 150865, 152663, 158062, 159863, 161544, 163650○ 106.262/ Version No. Date: 11/01/2003 / 149923, 150865, 152663, 159863, 161544, 163650
Item 1 Response	Please see the attached Form OP-PBRSUP for more information.

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
December 17, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	152308	106.261 106.262	07/20/2018
B72L7FU1	154686	106.261 106.262	02/05/2019
B72L7FU1	156270	106.261 106.262	04/18/2019
B72L7FU1	157613	106.261 106.262	08/09/2019
B72L7FU1 B72L7F2	158547	106.261 106.262	10/29/2019
B72L7FU1	159113	106.261 106.262	11/18/2019
B72L7FU1	160358	106.261	03/10/2020
B72L7FU1	161923	106.261 106.262	08/27/2020
B72L7FU1	162615	106.261 106.262	10/06/2020
B72L7FU1	163041	106.261 106.262	11/02/2020
B72L7FU1	164116	106.261 106.262	03/09/2021
B72L7FU1	165274	106.261 106.262	06/11/2021

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
December 17, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	165805	106.262	07/20/2021
B72L7D81	166260	106.261 106.262	09/08/2021
B72L7FU1	167397	106.261 106.262	12/22/2021
B72L7FU1	169510	106.261	07/28/2022
OC6L8FU01 OC6L8FU11 OC6L8FU12	161951	106.261	08/06/2020
OC6L8FU01 OC6L8FU11 OC6L8FU12	162922	106.261 106.262	10/14/2020
OC6L8FU01 OC6L8FU11	163968	106.261 106.262	02/11/2021
OC6L8FU01	164734	106.261	05/05/2021
OC6L8FU01	165416	106.261 106.262	06/25/2021
OC6L8FU01	166753	106.261	11/10/2021
OC6L8FU01 OC6L8F1018	170264	106.261	09/30/2022

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
December 17, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU11 OCNTFFU3	157214	106.261 106.262 106.472	06/24/2019
B56L7FU01 B56FU01	149923	106.261 106.262	02/02/2018
B56L7FU01 B56FU01	150865	106.261 106.262	04/17/2018
B56L7FU01 B56FU01	152663	106.261 106.262	08/22/2018
B56L7FU01 B56FU01	158062	106.261	09/10/2019
B56L7FU01 B56FU01	159863	106.261 106.262	02/10/2020
B56L7FU01 B56FU01	161544	106.261 106.262	06/15/2020
B56L7FU01 B56FU01	163650	106.261 106.262	01/07/2021
OC6L8FU01	171949	106.261 106.262	03/14/2023
OC6L8FU01 OC6L8FU11	172813	106.261 106.262	06/06/2023
OC6L8FU01	173020	106.261 106.262	06/16/2023
OC6L8FU01	173885	106.261	08/25/2023

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
December 17, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU01	176418	106.261 106.262	07/01/2024
B72L7FU1	171224	106.261 106.262	12/19/2022
B72L7FU1	172555	106.261 106.262	05/02/2023
B72L7FU1	177229	106.261	08/27/2024

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
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date
B72L7CT1	106.371 106.472	09/04/2000
B72L7GE02	106.511	09/04/2000
OC6L8CT800	106.371 106.472	09/04/2000
PROL7 PROL7FF PROL8 PROL8FF	106.263 106.492	11/01/2001 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
December 17, 2025	O2213	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	152308	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	154686	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	156270	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	157613	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1 B72L7F2	106.261 106.262	158547	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023). The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.
B72L7FU1	106.261 106.262	159113	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	160358	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).

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

Date	Permit Number	Regulated Entity Number
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	161923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	162615	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	163041	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	164116	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	165274	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.262	165805	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7D81	106.261 106.262	166260	Maintain records for tank throughput or use FS-2 (EPN B72F1) monitoring equipment requirements. The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.

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

Date	Permit Number	Regulated Entity Number
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	167397	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	169510	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261	161951	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261 106.262	162922	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	163968	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	164734	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	165416	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	166753	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01 OC6L8F1018	106.261	170264	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024). Flare will continue to meet the monitoring and recordkeeping requirements of NSR 20432 SC 23 for minimum net heating value and exit velocity.
OC6L8FU11 OCNTFFU3	106.261 106.262 106.472	157214	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 20432 SC 19 (Permit Issue Date November 9, 2023). New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021). Maintain records of annual throughput.
<i>B56L7FU01</i> B56FU01	106.261 106.262	149923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
<i>B56L7FU01</i> B56FU01	106.261 106.262	150865	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
<i>B56L7FU01</i> B56FU01	106.261 106.262	152663	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).

Permit By Rule Supplemental Table (Page 4)
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Date	Permit Number	Regulated Entity Number
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>B56L7FU01</i> B56FU01	106.261	158062	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
<i>B56L7FU01</i> B56FU01	106.261 106.262	159863	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
<i>B56L7FU01</i> B56FU01	106.261 106.262	161544	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
<i>B56L7FU01</i> B56FU01	106.261 106.262	163650	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B72L7CT1	106.371 106.472	09/04/2000	Cooling Tower (EPN B72CT1) shall be monitored in accordance with the requirements dictated in NSR Permit 144784, Special Condition 13.
B72L7GE02	106.511	09/04/2000	Record operating time with a non-resettable runtime meter.
OC6L8CT800	106.371 106.472	09/04/2000	Cooling Tower (EPN OC6CT800) shall be monitored in accordance with NSR Permit 20432, Special Condition No. 27 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	171949	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	172813	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

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Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
December 17, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01	106.261 106.262	173020	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	173885	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	176418	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
B72L7FU1	106.261 106.262	171224	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	172555	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	177229	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
PROL7 PROL7FF PROL8 PROL8FF	106.263 106.492	11/01/2001 09/04/2000	Track emissions on a rolling 12-month basis.

Mark McDonald

From: Mark McDonald
Sent: Tuesday, December 16, 2025 1:34 PM
To: 'Schmidt, Crystal (C)'
Subject: RE: Working Draft Permit - O2213 The Dow Chemical Company / Renewal Project 37218

Ms. Schmidt:

It appears that there are only two items needed to move this renewal project to the public notice stage.

- An updated OP-PBRSUP to include B56L7FU01 with 106.261 and 106.262 PBR's.
 - 106.261 / Version No. Date: 11/01/2003 / 149923, 150865, 152663, 158062, 159863, 161544, 163650
 - 106.262/ Version No. Date: 11/01/2003 / 149923, 150865, 152663, 159863, 161544, 163650
- A final OP-CRO1 certification for all the changes made after the initial application was received. There are three ways to certify, and we can discuss it at that time. Currently, my records show the specific dates or time-period is 7-10-2025 to 12-XX-2025. *if submitted via STEERS no wet signature is required on the OP-CRO1 but include the date range of updates.)

Please submit these two items via STEERS at your earliest opportunity, but no later than **COB January 12, 2026**.

Contact me if you have any questions or if you wish to discuss any other details or deadlines regarding this project.

Regards,
Mark

From: Mark McDonald
Sent: Friday, December 5, 2025 6:41 PM
To: 'Schmidt, Crystal (C)' <cscmidt6@dow.com>
Subject: RE: Working Draft Permit - O2213 The Dow Chemical Company / Renewal Project 37218

Ms. Schmidt:

Thank you for the final comments. I should have caught it earlier, but I've updated the requirement drivers for Subpart RRR applicability from the effective permit. The removal of PCA's (#7) added to the OP-2, was also updated.

While double checking PCA's to the OP-PBRSUP table wouldn't affect the submitted form, but I found an additional issue. Emission unit B56L7FU01 (Site Pipeline Fugitive Area) is missing the additional fugitive PBR's.

- Please submit an updated OP-PBRSUP to include B56L7FU01 with 106.261 and 106.262 PBR's.
 - 106.261 / Version No. Date: 11/01/2003 / 149923, 150865, 152663, 158062, 159863, 161544, 163650

- 106.262/ Version No. Date: 11/01/2003 / 149923, 150865, 152663, 159863, 161544, 163650

You can wait until to submit the PBRSUP until next week and after I receive any QAQC / management comments, to ensure no other information is needed. I will request the final certification for all the changes made after the initial application was received. There are three ways to certify, and we can discuss it at that time. Currently, my records show the specific dates or time-period is 7-10-2025 to 12-XX-2025. *if submitted via STEERS no wet signature is required on the OP-CRO1 but include the date range of updates.)

Let me know if you have any questions or have a few minutes for a fast phone call.

Regards,
Mark

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, December 3, 2025 12:39 PM
To: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Subject: RE: Working Draft Permit - O2213 The Dow Chemical Company / Renewal Project 37218

Mark,

I apologize for the delayed response. I have just two minor comments on the latest WDP. Please let me know if you have any questions. Thanks!

Crystal Schmidt

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



Seek Together™

General Business

From: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Sent: Tuesday, November 18, 2025 1:55 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit - O2213 The Dow Chemical Company / Renewal Project 37218

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,

Thanks for the final comments and updates. Attached is the final WDP courtesy copy, and I will begin preparing this project for our QAQC and management review. Once that review is complete and we are sure that no other documents are required, I will request the final certification for all the changes made after the initial application was received. There are three ways to certify, and we can discuss it at that time. Currently, my records show the specific dates or time-period is 7-10-2025 to 11-10-2025.)

Please let me know ASAP if you have any other questions or concerns.

I will let you know once this project has completed the final review and ready for public notice.

Regards,
Mark

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, November 10, 2025 12:55 PM
To: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Subject: RE: Working Draft Permit - O2213 The Dow Chemical Company / Renewal Project 37218

Mark,

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

Crystal Schmidt

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



General Business

From: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Sent: Monday, October 20, 2025 2:25 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: Working Draft Permit - O2213 The Dow Chemical Company / Renewal Project 37218

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.

Ms. Schmidt:

I have completed the Working Draft Permit (WDP) for your Federal Operating Permit (FOP) Renewal issuance permit application of Permit No. O2213 for The Dow Chemical Company / Hydrocarbons area.

Please review the WDP and submit any comments you have at your earliest opportunity, but no later than **November 10, 2025**.

In addition, the following issues must be addressed:

- Please submit an updated [OP-UA3](#) for EEEE pages 75-77 for emission unit (EU) OC6L8D97, because the RRT has been developed and is now required. As a result, applicable citations may be altered.
- Review [OP-UA4](#) page one, for EU's B72L7LR1 and OC6L8LR1. I had to make a data interpretation to achieve the same attributes as your effective permit. (index R5211-01 transfer type "Load.") Double check these entries and submit any UA4 changes.
- Please review Major NSR Summary Tables and submit any updates in a Word file. Since NSR permits were recently updated (20432, N274, PSDTX994M2 / 144784 and PSDTX994M1). I have added blank tables based off the updated NSR MAERT's. Additionally, we may need to have a discussion on these tables.

Contact me if you have any questions or if you wish to discuss any other details or deadlines regarding your application or permit.

Regards,
Mark

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 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 Announcement Authorization.



[How is our customer service?](#)

Mark McDonald
Operating Permits Section
Air Permits Division, Office of Air,
Texas Commission on Environmental Quality (TCEQ)
(512) 239-1357

mark.mcdonald@tceq.texas.gov

Mark McDonald

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, August 27, 2025 3:32 PM
To: Mark McDonald
Subject: RE: Title V Permit O2213 - Renewal Application - Project 37218
Attachments: 2025-08-27_Application_Update_O2213.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Mark,

Please see the attached application update for Title V Permit O2213. I have added a Revision #6 to include a new Standard Permit that was issued last week. Please let me know if you have any questions. Thanks!

Crystal Schmidt

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



General Business

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, July 16, 2025 12:32 PM
To: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Subject: RE: Title V Permit O2213 - Renewal Application - Project 37218

Mark,

Please see the updated document per your request. 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



From: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Sent: Thursday, July 10, 2025 5:28 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Title V Permit O2213 - Renewal Application - Project 37218

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,

I received your update to your renewal application, however it is critical that when making updates to the OP-2 or OP-SUMR, we continue to add to the original list of “Revision” numbers. This will eliminate any confusion when discussing specific updates, duplicate updates for same unit, data entry, review, and peer review. When submitting updates, it is fine to have a new form or pages, but best to start a new submittal with the next sequential revision request. If an earlier revision number needs to be updated with several changes, I suggest to strikethrough the original and adding update with new revision numbers.

- Please rename Revision 1 on the OP-2 (dated 7-10-2025) – Please rename to “Revision 3.”
- Revision 2 – No issues. I will replace the updated version the OP-PBRSUP.

I have attached the original OP-2 and OP-SUMR. Please let me know if you have any questions or concerns or wish to discuss this in more detail.

Regards,
Mark

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Thursday, July 10, 2025 1:36 PM
To: Mark McDonald <Mark.McDonald@tceq.texas.gov>
Subject: Title V Permit O2213 - Renewal Application - Project 37218

Mark,

Please see the attached application update to our Title V O2213 renewal application. The Stratton Ridge Title V Permit (O4673) was issued; therefore, we can remove those units from Title V Permit O2213. Please let me know if you have any questions. Thanks!

Crystal Schmidt

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



General Business



December 3, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Hydrocarbons, RN100225945
Title V Operating Permit WDP Response for Hydrocarbons, O2213
TCEQ Project Number: 37218

Dear Mr. McDonald,

The Dow Chemical Company (Dow) is providing comments on the Working Draft Permit provided on November 18, 2025.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

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

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

Working Draft Permit Comments

Unit Summary

1. Please add the Control Device ID back to the Requirement Driver column for GRPL7PF, 40 CFR Part 60, Subpart RRR applicability. The text was changed to “No changing attributes” in the latest draft.

New Source Review Authorization References by Emissions Unit

1. OC6L8ST01A; OC6L8ST01B; OC6L8ST916; OC6L8TO: Please remove PBRs 106.261/11/01/2003 and 106.262/11/01/2003 from the list of authorizations for these units as requested in Revision #7 in the November 10th NOD/WDP response.

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

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

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		B72L7LR1		B-7200 UNLOADING AREA			NSR Permit	144784		
		B72L7LR1		B-7200 UNLOADING AREA			PSD	PSDTX994M1		
		OC6L8LR1		OC-6 UNLOADING AREA			NSR Permit	20432		
		OC6L8LR1		OC-6 UNLOADING AREA			PSD	PSDTX994M2		
							Nonattainment	N274		

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

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

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
B72L7LR1	R5211-01	OTHER	213B		VOC1	LOAD	0.5-11S	NCE2	
B72L7LR1	R5211-02	OTHER	NONE		VOC1	UNLOAD	0.5-		
OC6L8LR1	R5211-01	OTHER	213B		VOC1	LOAD	0.5-11S	NCE2	
OC6L8LR1	R5211-02	OTHER	NONE		VOC1	UNLOAD	0.5-		

[Go to the Table of Contents](#)

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

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

Unit ID No.	SOP Index No.	Chapter 115 Control Device Type	Chapter 115 Control Device ID No.	Vapor-Tight	Vapor Space Holding Tank	Marine Terminal Exemptions	VOC Flash Point	Uncontrolled VOC Emissions
B72L7LR1	R5211-01	NONE		NO				
OC6L8LR1	R5211-01	NONE		NO				

[Go to the Table of Contents](#)

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

Table 29a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)

Unit ID No.	SOP/GOP Index No.	Means of Compliance	AMOC ID No.	Unslotted Guidepole	Slotted Guidepole	Seal Configuration	Inspection Requirement	Construction Date
OC6L8D97	63EEEE-01	T2TB-						

[Go to the Table of Contents](#)



November 10, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Hydrocarbons, RN100225945
Title V Operating Permit NOD & WDP Response for Hydrocarbons, O2213
TCEQ Project Number: 37218

Dear Ms. Maus,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items and providing comments on the Working Draft Permit provided on October 20, 2025. Dow is also requesting several revisions with this submittal. Please see Form OP-2 for more information.

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

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

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

Additional Information Request

Item 1	Please submit an updated OP-UA3 for EEEE pages 75-77 for emission unit (EU) OC6L8D97, because the RRT has been developed and is now required. As a result, applicable citations may be altered.
Item 1 Response	Please see the attached Form OP-UA3 (excel format) for more information.
Item 2	Review OP-UA4 page one, for EU's B72L7LR1 and OC6L8LR1. I had to make a data interpretation to achieve the same attributes as your effective permit. (index R5211-01 transfer type "Load.") Double check these entries and submit any UA4 changes.
Item 2 Response	Please see the attached Form OP-UA4 (excel format) for more information.
Item 3	Please review Major NSR Summary Tables and submit any updates in a Word file. Since NSR permits were recently updated (20432, N274, PSDTX994M2 / 144784 and PSDTX994M1). I have added blank tables based off the updated NSR MAERT's. Additionally, we may need to have a discussion on these tables.
Item 3 Response	Please see the attached Major NSR Summary Tables for more information.

Working Draft Permit Comments

Dow has no comments on the Working Draft Permit (WDP) at this time.

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

Date: November 10, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ1	N/A	<p>Dow requests updates to unit sources whose UA forms have been updated since the last renewal.</p> <p>In addition, Dow 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 revised in July 2023 (Project #34140).</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.</p>

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

Date: November 10, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.		Applicable Form		
3	MS-C	NO	BSRSR617 BSRSRD404 BSRSRF200 BSRSRF200 BSRSRF402 BSRSRF402 BSRSRFMNF BSRSRFMNF BSRSRFMW1 BSRSRFMW1 BSRSRFUBRK BSRSRFUDOW BSRSRFUSTV BSRSRGE14 BSRSRGE55A BSRSRH575 BSRSRH628 BSRSRHDHT	BSRSRHET1 BSRSRHET2 BSRSRLR615 BSRSROE1 BSRSRPLHC1 BSRSRPLHC2 BSRSRS401 BSRSRSC301 BSRSRSC01 BSRSRSP626 BSRSRST117 BSRSRST615 BSRSRST616 BSRSRSLT1 BSRSRVSTV PROSDO PROSRNG	OP-SUMR	N/A	Please remove these units from the entire Title V Permit. They have all been transferred to Title V Permit O4673.
4	MS-C	NO	PROL7 PROL7FF PROL8 PROL8FF		OP-SUMR OP-PBR SUP	N/A	Please add PBRs 106.263/11/01/2001 and 106.492/09/04/2000 to the list of authorizations for the process units.

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

Date: November 10, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
5	MS-C	NO	N/A	OP-REQ1	N/A	Please add PBR 106.492/09/04/2000 to the list of authorizations for the permit area.
6	MS-C	NO	OC6L8F1018	OP-SUMR OP-REQ1	N/A	Please add Standard Permit No. 181152 to the list of authorizations for the permit area. Please add Standard Permit No. 181152 to the list of authorizations for OC6L8F1018.
7	MS-C	NO	<i>OC6L8ST01A OC6L8ST01B OC6L8ST916 OC6L8TO</i>	<i>OP-SUMR OP-PBRSUP</i>	N/A	<i>Please remove PBRs 106.261/11/01/2003 and 106.262/11/01/2003 from the list of authorizations for these units.</i>

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

Date	Permit No.	Regulated Entity No.
November 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B56L7FU01	OP-UA12	SITE PIPELINE FUGITIVE AREA		83841 106.261/11/01/2003 [149923, 150865, 152663, 158062, 159863, 161544, 163650] 106.262/11/01/2003 [149923, 150865, 152663, 159863, 161544, 163650]	
		B60L7F1	OP-UA7 OP-UA15	FLARE FS-1		144784	PSDTX994M1
		B60L7FU1	OP-UA1	FUGITIVES AREA B-6000		144784	PSDTX994M1
		B72L7CT1	OP-UA13	COOLING TOWER CT-1		144784 106.371/09/04/2000	PSDTX994M1
		B72L7D103	OP-UA15	D-103 SMALL FLARE K.O. POT		144784	PSDTX994M1
		B72L7D108	OP-REQ2	D-108 SLOP OIL DRUM		144784	PSDTX994M1
		B72L7D18	OP-UA3	D-18 WASTEWATER STORAGE DRUM		144784	PSDTX994M1
		B72L7D18A	OP-UA3	D-218A OILY WATER SURGE DRUM (LUBE OIL AND WATER)		144784	PSDTX994M1
		B72L7D18C	OP-UA14	D-218C CONE DRUM (SLOP OIL STORAGE)		144784	PSDTX994M1
		B72L7D19	OP-UA3	D-19 WASTEWATER STORAGE DRUM		144784	PSDTX994M1
		B72L7D2	OP-UA14	D-2 QUENCH WATER OIL/WATER SEPARATOR		144784	PSDTX994M1

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.
November 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7D202	OP-UA3	D-202 SPENT CAUSTIC DEGASSER DRUM		144784	PSDTX994M1
		B72L7D203B	OP-UA3	D-203B OIL OVERFLOW DRUM		144784	PSDTX994M1
		B72L7D204A	OP-UA3	D-204A SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204B	OP-UA3	D-204B SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204C	OP-UA3	D-204C SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D27	OP-UA3	D27, T-28 FEED SURGE DRUM		144784	PSDTX994M1
		B72L7D28	OP-UA3	D-28, T-28 O.H. FUEL GAS K.O. DRUM		144784	PSDTX994M1
		B72L7D4	OP-UA14	D-4 OIL/WATER SEPARATOR		161913	
		B72L7D450	OP-UA3	D-450 PROCESS WATER TO WWT PLANT (STORAGE DRUM)		144784	PSDTX994M1
		B72L7D452	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF D-100		144784	PSDTX994M1
		B72L7D453	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF C-10		144784	PSDTX994M1
		B72L7D511	OP-UA14	D-511 OIL WATER SEPARATOR		144784	PSDTX994M1
		B72L7D530A	OP-UA3	C4+ PRODUCT TANK DEWATERING DRUM		144784	PSDTX994M1

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

Date	Permit No.	Regulated Entity No.
November 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7D6	OP-UA3	D-6 FLARE DRUM		144784	PSDTX994M1
		B72L7D63	OP-UA3	GREEN OIL KNOCKOUT DRUM		144784	PSDTX994M1
		B72L7D6A	OP-UA3	D-6A, D-6 BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D7	OP-UA3	D-7 FLARE BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D77	OP-UA3	D-77 OILY WATER BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D80	OP-UA3	D-80 WASH OIL DRUM		144784	PSDTX994M1
		B72L7D81	OP-UA3	D-81 WASH OIL RETURN DRUM		144784 106.261/11/01/2003 [166260] 106.262/11/01/2003 [166260]	PSDTX994M1
		B72L7DF1	OP-UA15	DF-1 FLARE K.O. DRUM		144784	PSDTX994M1
		B72L7DF1A	OP-REQ2	DF-1A FLARE BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7DF2	OP-UA15	DF-2 FLARE K.O. DRUM		144784	PSDTX994M1
		B72L7DF2B	OP-REQ2	FLARE DRUM BLOWDOWN COLLECTION DRUM		144784	PSDTX994M1
		B72L7F2	OP-UA7	FS-2 FLARE-SMALL/TANK FARM FLARE		123731 144784 106.261/11/01/2003 [158547] 106.262/11/01/2003 [158547]	PSDTX994M1

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

Date	Permit No.	Regulated Entity No.
November 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	2	B72L7FU1	OP-UA1 OP-UA12	B-7200 FUGITIVE AREA		144784 106.261/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 160358, 161923, 162615, 164116, 165274, 167397, 169510, 171224, 172555, 177229] 106.262/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 161923, 162615, 163041, 164116, 165274, 167397, 165805, 171224, 172555]	PSDTX994M1
		B72L7GE01	OP-UA2	EMERGENCY DIESEL GENERATOR		144784	PSDTX994M1
		B72L7GE02	OP-UA2	EMERGENCY DIESEL GENERATOR		106.511/09/04/2000	
		B72L7HH1	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-1		144784	PSDTX994M1
		B72L7HH2	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-2		144784	PSDTX994M1
		B72L7HH3	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-3		144784	PSDTX994M1
		B72L7HH4	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-4		144784	PSDTX994M1

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

Date	Permit No.	Regulated Entity No.
November 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7HH5	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-5		144784	PSDTX994M1
		B72L7LR1	OP-UA4	B-7200 UNLOADING AREA		144784	PSDTX994M1
		B72L7R38	OP-REQ2	R-38 METHANATOR REACTOR		144784	PSDTX994M1
		B72L7R60A	OP-REQ2	R-60A ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60B	OP-REQ2	R-60B ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60C	OP-REQ2	R-60C ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7S206	OP-UA3	S-206 CAUSTIC COALESCER SOLIDS REMOVAL DRUM		144784	PSDTX994M1
		B72L7SC02	OP-UA16	B-7202 SOLVENT CLEANING		144784	PSDTX994M1
		B72L7SP203	OP-UA14	D-203-1 SPENT CAUSTIC SURGE DRUM		144784	PSDTX994M1
		B72L7T101	OP-REQ2	T-101 LPG SPLITTER		144784	PSDTX994M1
		B72L7T51	OP-REQ2	T-51 DEMETHANIZER TOWER		144784	PSDTX994M1
		B72L7T52	OP-REQ2	T-52 DE-ETHANIZER TOWER		144784	PSDTX994M1
		B72L7T53A	OP-REQ2	T-53A DEPROPANIZER		144784	PSDTX994M1
		B72L7T53B	OP-REQ2	T-53B DEPROPANIZER		144784	PSDTX994M1

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

Date	Permit No.	Regulated Entity No.
November 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7T54A	OP-REQ2	T-54A TOP SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T54B	OP-REQ2	T-54B BOTTOM SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T71	OP-REQ2	T-71 SECONDARY DE-METHANIZER		144784	PSDTX994M1
		B72L7T72	OP-REQ2	T-72 C2 SPLITTER TOWER		144784	PSDTX994M1
D	3	BSRSR617	OP-UA3	TRIETHYLENE GLYCOL		22072	
D	3	BSRSRD404	OP-REQ2	D404 – LAST KNOCKOUT DRUM BEFORE FS-401 FLARE		22072	
D	3	BSRSRF200	OP-UA7	DW-6 DEHY FLARE		22072	
D	3	BSRSRF200	OP-UA15	VENTS ROUTED TO DW-6 DEHY FLARE		22072	
D	3	BSRSRF402	OP-UA7	BRINE FLARE NO. 2		22072	
D	3	BSRSRF402	OP-UA15	VENTS ROUTED TO BRINE FLARE 2		22072	
D	3	BSRSRFMNF	OP-UA7	STEVENS MAIN FLARE		22072	
D	3	BSRSRFMNF	OP-UA15	VENTS ROUTED TO STEVENS MAIN FLARE		22072	
D	3	BSRSRFMW1	OP-UA7	MONITOR WELL NO. 1 FLARE		22072	
D	3	BSRSRFMW1	OP-UA15	VENTS TO MONITORING WELL NO. 1 FLARE		22072	

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Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	BSRSRFUBRK	OP-UA12	STEVENS PROCESS FUGITIVE		22072 106.261/11/01/2003 [152182, 157214, 157724] 106.262/11/01/2003 [157214] 106.472/09/04/2000 [157214]	
D	3	BSRSRFUDOW	OP-UA12	BROCK PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182]	
D	3	BSRSRFUSTV	OP-UA12	DOW PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182, 154273, 157724, 163128, 170207]	
D	3	BSRSRGE14	OP-UA2	C14 ENGINE EXHAUST		22072	
D	3	BSRSRGE55A	OP-UA2	GAS ENGINE EXHAUST		22072	
D	3	BSRSRH575	OP-UA5	DOWTHERM HEATER H 575		22072	
D	3	BSRSRH628	OP-UA5	DW 6 DEHY HEATER		22072	
D	3	BSRSRHDHT	OP-UA5	SALT DOME OPERATION DOWTHERM HEATER		22072	
D	3	BSRSRHET1	OP-UA5	NORTH ETHYLENE HEATER		22072	
D	3	BSRSRHET2	OP-UA5	SOUTH ETHYLENE HEATER		22072	
D	3	BSRSRLR615	OP-UA4	DW 6 HC LOADING RACK		22072	
D	3	BSRSROE1	OP-UA7 OP-UA15	MAINTENANCE EQUIPMENT CLEARING		22072	

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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D	3	BSRSRPLHC1	OP-UA3	LHC SURGE POND 1		22072	
D	3	BSRSRPLHC2	OP-UA3	LHC SURGE POND 2		22072	
D	3	BSRSRS401	OP-UA14	S 401 SEPARATOR		22072	
D	3	BSRSRSC01	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	3	BSRSRSC301	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	3	BSRSRSP626	OP-UA14	WATER SEPARATOR		22072	
D	3	BSRSRST202	OP-REQ2	GASOLINE TANK		22072	
D	3	BSRSRST615	OP-UA3	DW 6 HC TANK		22072	
D	3	BSRSRST616	OP-UA3	DW 6 METHANOL TANK		22072	
D	3	BSRSRSLT1	OP-UA4	MAINTENANCE TRUCK LOADING RACK		106.263/11/01/2001	
D	3	BSRSRVSTV	OP-UA3	T-5 (SS1) DBSA TANK AT STEVENS		22072 106.472/09/04/2000	
		OC2L8GF500	OP-UA7	GROUND FLARE GF-500		20432	PSDTX994M2 N274
		OC6FL066A	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL066B	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274

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		OC6FL166A	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6FL166B	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6L8CT800	OP-UA13	COOLING TOWER		20432 106.371/09/04/2000	PSDTX994M2 N274
		OC6L8D069	OP-UA14	D-1069 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1015	OP-UA3	D-1015 QUENCH AREA STEAM OUT K.O. DRUM		20432	PSDTX994M2 N274
		OC6L8D1080	OP-UA3	D-1080 VERTICAL VESSEL		20432	PSDTX994M2 N274
		OC6L8D1081	OP-UA3	D-1081 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1180	OP-UA3	D-1180 VERTICAL VESSEL		20432	PSDTX994M2 N274
		OC6L8D1181	OP-UA14 OP-UA19	D-1181 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1540	OP-UA3	D-1540 DIESEL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8D169	OP-UA14 OP-UA19	D-1169 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D230	OP-UA3	D-230 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274

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		OC6L8D27	OP-UA14	D-27 SPENT CAUSTIC/HC DEGASSING D		20432	PSDTX994M2 N274
		OC6L8D280	OP-UA19	V-280 VESSEL		20432	PSDTX994M2 N274
		OC6L8D301	OP-UA14	D-301 OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D433	OP-UA14	D-433 OIL/WATER SEPARATOR		166672	
		OC6L8D906	OP-UA3	D-906 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D91	OP-UA3	D-91 DIMETHYL DISULFIDE STOR. DRUM		20432	PSDTX994M2 N274
		OC6L8D97	OP-UA3	D-97 METHANOL STORAGE DRUM		20432	PSDTX994M2 N274
		OC6L8F1	OP-UA7	FS-1 ELEVATED FLARE STACK		20432	PSDTX994M2 N274
	2, 6	OC6L8F1018	OP-UA7	FS-1018 VENT FLARE #1		20432 181152 106.261/11/01/2003 [170264]	PSDTX994M2 N274
		OC6L8F902	OP-UA7	FS-902 SOUTH TANK FARM VENT FLARE		20432	PSDTX994M2 N274

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	2	OC6L8FU01	OP-UA1 OP-UA12	ETHYLENE PROCESS AREA FUGITIVES		20432 106.261/11/01/2003 [162922, 163968, 164734, 165416, 166753, 170264, 161951, 171949, 172813, 173020, 173885, 176418] 106.262/11/01/2003 [162922, 163968, 165416 171949, 172813, 173020, 176418]	PSDTX994M2 N274
	2	OC6L8FU11	OP-UA1 OP-UA12	SOUTH TANK FARM FUGITIVES 1		20432 106.261/11/01/2003 [157214, 161951, 163968, 172813] 106.262/11/01/2003 [157214, 163968, 172813] 106.472/09/04/2000 [157214]	PSDTX994M2 N274
		OC6L8GE03	OP-UA2	EMERGENCY DIESEL GENERATOR		20432	PSDTX994M2 N274
		OC6L8H1	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-1		20432	PSDTX994M2 N274
		OC6L8H10	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-10		20432	PSDTX994M2 N274
		OC6L8H2	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-2		20432	PSDTX994M2 N274
		OC6L8H3	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-3		20432	PSDTX994M2 N274
		OC6L8H4	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-4		20432	PSDTX994M2 N274

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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
		OC6L8H5	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-5		20432	PSDTX994M2 N274
		OC6L8H6	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-6		20432	PSDTX994M2 N274
		OC6L8H7	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-7		20432	PSDTX994M2 N274
		OC6L8H8	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-8		20432	PSDTX994M2 N274
		OC6L8H9	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-9		20432	PSDTX994M2 N274
		OC6L8LR1	OP-UA4	OC-6 UNLOADING AREA		20432	PSDTX994M2 N274
		OC6L8R44A	OP-UA48	R-44A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R44B	OP-UA48	R-44B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45A	OP-REQ2	R-45A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45B	OP-REQ2	R-45B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6LR45C	OP-REQ2	R-45C ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8RX1	OP-UA15	PROCESS VENTS TO FLARES OX2F500 AND OC6F1		20432	PSDTX994M2 N274

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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
		OC6L8RX2	OP-UA15	PROCESS EPN FOR VENT TO TOX FX- 2000		20432	PSDTX994M2 N274
		OC6L8RX3	OP-UA15	PROCESS FIN FOR VENT TO F-902 FLARE		20432	PSDTX994M2 N274
		OC6L8RX4	OP-UA15	PROCESS FIN FOR VENT TO FLARE FS-1018		20432	PSDTX994M2 N274
		OC6L8S068	OP-UA3	S-1068 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8S168	OP-UA3	S-1168 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8SP114	OP-REQ2	D-114 LUBE OIL RUNDOWN TANK		20432	PSDTX994M2 N274
	7	OC6L8ST01A	OP-UA3	PYGAS STORAGE TANK V-1101A		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
	7	OC6L8ST01B	OP-UA3	PYGAS STORAGE TANK V-1101B		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8ST505	OP-UA3	V-1505 FUEL OIL STORAGE		20432	PSDTX994M2 N274
		OC6L8ST901	OP-UA3	V-1901 NAPTH OR CONDENSATE STORAGE TANK		20432	PSDTX994M2 N274
	7	OC6L8ST916	OP-UA3	V-1916 FUEL OIL STORAGE		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274

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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
		OC6L8T070	OP-UA14	T-1070 BENZENE STRIPPER		20432	PSDTX994M2 N274
		OC6L8T170	OP-UA14	T-1170 AROMATIC STRIPPER		20432	PSDTX994M2 N274
		OC6L8T28A	OP-REQ2	T-28A SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
		OC6L8T28B	OP-REQ2	T-28B SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
	7	OC6L8TO	OP-REQ2	FS-2000 THERMAL OXIDIZER INCINERATOR		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8V1005	OP-UA3	WASH OIL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8V1020	OP-UA3	V-1020 QUENCH AREA EFFLUENT WATER TANK		20432	PSDTX994M2 N274
		OC6L8V1045	OP-REQ2	V-1045 BIO POND TANK #1		20432	PSDTX994M2 N274
		OC6L8V1050	OP-REQ2	V-1050 BIO POND TANK #2		20432	PSDTX994M2 N274
		OC6L8V1905	OP-UA3	PROCESS WATER		20432	PSDTX994M2 N274
		OC6L8V280	OP-UA3	V-280 SPENT CAUSTIC SURGE TANK		20432	PSDTX994M2 N274

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	4	PROL7	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #7		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	4	PROL7FF	OP-UA58	LIGHT HYDROCARBON 7		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	4	PROL8	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #8		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	4	PROL8FF	OP-UA58	LIGHT HYDROCARBON 8		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
D	3	PROSDO	OP-UA57	PROCESS UNIT ID FOR SDO		22072	
D	3	PROSRNG	OP-REQ2	SDO NATURAL GAS DEHYDRATION UNIT		22072	
		WWCL7	OP-REQ2	LHC 7 PROCESS WASTEWATER		144784	PSDTX994M1

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B72SH1	Pyrolysis Furnace H1	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20, 27	3, 5, 18, 20
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	12.60	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	3.77	-			
		Ethylene	1.03	-			
		Propylene	0.75	-			
B72SH2	Pyrolysis Furnace H2	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20, 27	3, 5, 18, 20
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	12.60	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	3.77	-			
		Ethylene	1.03	-			
		Propylene	0.75	-			
B72SH3	Pyrolysis Furnace H3	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20, 27	3, 5, 18, 20
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	12.60	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	3.77	-			
		Ethylene	1.03	-			
		Propylene	0.75	-			
B72SH4	Pyrolysis Furnace H4	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20, 27	3, 5, 18, 20

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	12.60	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	3.77	-			
		Ethylene	1.03	-			
		Propylene	0.75	-			
B72SH5	Pyrolysis Furnace H5	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20, 27	3, 5, 18, 20
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	12.60	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	3.83	-			
		VOC	3.77	-			
		Ethylene	1.03	-			
		Propylene	0.75	-			
B72SH1, B72SH2, B72SH3, B72SH4, B72SH5	Furnace Source Group Cap	CO	-	158.65	11, 18, 20	11, 18, 20, 27	18, 20
		NO _x	-	469.26			
		SO ₂	-	2.68			
		PM	-	58.63			
		PM ₁₀	-	58.63			
		PM _{2.5}	-	58.63			
		VOC	-	43.26			
		Ethylene	-	0.70			
		Propylene	-	0.05			
B72CT1	CT-1 Cooling Tower	VOC	3.25	13.71	5, 13	5, 13, 27	5
		Ethylene	2.05	4.51			
		Propylene	3.25	11.03			
		PM	4.02	5.87			

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	0.69	3.03			
		PM _{2.5}	<0.01	0.03			
B72FU1	B-7200 Process Area Fugitives (5)	VOC	12.14	53.01	3, 4, 5, 14, 15, 16, 17	3, 4, 5, 14, 17, 27	3, 4, 5, 14
		Ethylene	6.36	27.72			
		Propylene	2.58	11.29			
		Cl ₂	0.01	0.05			
		HCl	0.08	0.35			
B72GE01	Emergency Generator	CO	1.14	0.05		10, 27	
		NO _x	2.87	0.14			
		SO ₂	0.35	0.02			
		PM	0.37	0.02			
		PM ₁₀	0.37	0.02			
		PM _{2.5}	0.37	0.02			
		VOC	0.42	0.02			
B72SC02	B-7202 Degreasing	VOC	0.31	1.34			
B72SH1, B72SH2, B72SH3,	Compliance Cap (includes Furnaces, Cooling Tower,	CO	227.49	150.17		21, 27	
		NO _x	157.15	467.80			

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B72SH4, B72SH5, B72CT1, B72FU1, B72GE01, B72SC02	Fugitives, Emergency Generator, and Degreasing)	SO ₂	95.17	7.64			
		PM	22.05	73.62			
		PM ₁₀	22.05	73.62			
		PM _{2.5}	22.05	73.62			
		VOC	17.92	73.53			
		Cl ₂	0.01	0.05			
		HCl	0.08	0.35			
B72SH1	Furnace Purge (MSS), H-1 (6)	VOC	0.11	<0.01		21, 27	
B72SH2	Furnace Purge (MSS), H-2 (6)	VOC	0.11	<0.01		21, 27	
B72SH3	Furnace Purge (MSS), H-3 (6)	VOC	0.11	<0.01		21, 27	
B72SH4	Furnace Purge (MSS), H-4 (6)	VOC	0.11	<0.01		21, 27	
B72SH5	Furnace Purge (MSS), H-5 (6)	VOC	0.11	<0.01		21, 27	
B60F3	FS-1 Large Elevated Flare (Routine Emissions) FS-1 Large Elevated Flare (MSS Emissions)	CO	207.62	81.45	3, 4, 5, 11, 12	3, 4, 5, 12, 27	3, 4, 5
		NO _x	40.74	15.98			
		SO ₂	0.97	0.11			
		VOC	202.29	14.07			

Major NSR Summary Table

Permit Numbers 144784 and PSDTX994M1					Issuance Date: July 16, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Ethylene	95.00	5.26			
		Propylene	75.00	2.63			
		CO	2602.53	100.10			
		NO _x	360.30	15.90			
		SO ₂	6.40	0.20			
		VOC	2168.77	76.93			
		Ethylene	1820.00	30.88			
		Propylene	1284.28	20.46			
B72F1	FS-2 Small Elevated Flare (Operating as unassisted)	CO	8.73	38.25	3, 4, 5, 11, 12	3, 4, 5, 12, 27	3, 4, 5
		NO _x	1.02	4.46			
		SO ₂	0.09	0.08			
		VOC	0.21	0.88			
B72MEFU1	Attachment A Attachment B Equipment Opening (MSS) Attachment C	VOC	2.06	0.23	22, 23	21, 22, 23, 27	
		VOC	3.65	0.11			
		VOC	271.11	0.27			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

CO - carbon monoxide
NO_x- total oxides of nitrogen
SO₂- sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
Cl₂ - chlorine
HCl - hydrogen chloride

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Furnace Purge (MSS) emissions are not included in the routine furnace emissions (EPNs B72SH1-H5).

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Routine Emissions							
OC6S1	Pyrolysis Furnace, F1	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S2	Pyrolysis Furnace, F2	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
OC6S3	Pyrolysis Furnace, F3	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S4	Pyrolysis Furnace, F4	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S5	Pyrolysis Furnace, F5	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S6	Pyrolysis Furnace, F6	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S7	Pyrolysis Furnace, F7	CO	28.51	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	38.54	-			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S8	Pyrolysis Furnace, F8	CO	25.89	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	22.75	-			
		SO2	0.49	-			
		PM	2.10	-			
		PM ₁₀	2.10	-			
		PM _{2.5}	2.10	-			
		VOC (6)	1.89	-			
		Ethylene	0.25	-			
OC6S9	Pyrolysis Furnace, F9	CO	29.59	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	26.00	-			
		SO2	0.56	-			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	2.08	-			
		PM ₁₀	2.08	-			
		PM _{2.5}	2.08	-			
		VOC (6)	2.16	-			
		Ethylene	0.28	-			
OC6S10	Pyrolysis Furnace, F10	CO	25.89	-	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	22.75	-			
		SO2	0.49	-			
		PM	2.10	-			
		PM ₁₀	2.10	-			
		PM _{2.5}	2.10	-			
		VOC (6)	1.89	-			
		Ethylene	0.25	-			
OC6S1, OC6S2, OC6S3, OC6S4, OC6S5, OC6S6, OC6S7, OC6S8, OC6S9, and OC6S10	Furnace Source Group Cap (Does not include F-9 decoking)	CO	-	195.82	3, 5, 13, 28, 31, 32, 47	3, 5, 13, 28, 32, 33, 47	3, 5, 28, 32, 47
		NOx	-	857.60			
		SO2	-	4.50			
		PM	-	43.86			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	-	43.86			
		PM _{2.5}	-	43.86			
		VOC (6)	-	60.77			
		Ethylene	-	2.07			
OC6F902	FS-902 Tank Farm Vent Flare	CO	3.19	10.04	3, 5, 13, 23, 24	3, 5, 13, 23, 24, 33	3, 5
		NO _x	1.58	4.95			
		SO ₂	0.52	1.63			
		VOC	1.16	4.09			
OC6F1018	FS-1018 Vent Flare #1	CO	37.53	19.97	3, 4, 5, 13, 23, 24	3, 5, 13, 23, 24, 33	3, 4, 5
		NO _x	7.37	3.92			
		SO ₂	0.27	0.07			
		VOC (6)	17.55	2.44			
		Ethylene	2.06	0.63			
		Propylene	2.07	0.29			
OC6F1	FS-1 Elevated Flare (8)	CO	272.27	-	3, 5, 13, 23, 24, 47	3, 5, 13, 23, 24, 33, 47	3, 5, 47
		NO _x	53.43	-			
		SO ₂	11.46	-			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC (6)	148.14	-			
		Ethylene	143.90	-			
		Propylene	138.12	-			
OC2F500	GF-500 Multipoint Ground Flare (8)	CO	117.91	-	3, 5, 13, 23, 24, 47	3, 5, 13, 23, 24, 33, 47	3, 5, 47
		NOx	23.14	-			
		SO ₂	10.68	-			
		VOC (6)	145.16	-			
		Ethylene	143.90	-			
		Propylene	138.12	-			
OC6F1, OC2F500	Flare Source Group Cap (7)	CO	-	187.47	3, 4, 5, 13, 22, 23, 24, 47	3, 4, 5, 13, 22, 23, 24, 33, 47	3, 4, 5, 47
		NO _x (NA)	-	36.79			
		SO ₂	-	0.92			
		VOC (6)	-	25.18			
		Ethylene	-	8.65			
		Propylene	-	5.33			
OC6S2000	FX-2000 Thermal Oxidizer (8)	CO	1.00	4.38	3, 4, 5, 13, 22, 24, 31, 32	3, 4, 5, 13, 22, 23, 24, 32, 33	3, 4, 5, 32
		NO _x	1.50	6.57			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	10.59	0.43			
		PM	0.07	0.33			
		PM ₁₀	0.07	0.33			
		PM _{2.5}	0.07	0.33			
		VOC (6)	0.54	0.93			
		Ethylene	0.20	0.39			
		Propylene	0.20	0.20			
OC6ST1101A	Storage Tank V-1101A	VOC	3.61	-	3, 14, 43	3, 14, 33, 43, 44	3, 14
OC6ST1101B	Storage Tank V-1101B	VOC	3.61	-	3, 14, 43	3, 14, 33, 43, 44	3, 14
OC6ST1901	Storage Tank V-1901	VOC	2.25	-	3, 14, 43	3, 14, 33, 43, 44	3, 14
OC6ST1905	Storage Tank V-1905	VOC	1.84	-	3, 4, 14, 43	3, 4, 14, 33, 43, 44	3, 4, 14
OC6ST1101A, OC6ST1101B, OC6ST1901, OC6ST1905	Storage Tanks Source Group Cap	VOC	-	23.50	3, 4, 14, 43	3, 4, 14, 33, 43, 44	3, 4, 14
OC6V1005	Storage Tank V-1005	VOC	0.04	<0.01	3, 4	3, 4, 33	3, 4
OC6CT800	CT-800 Cooling Tower	VOC	4.54	15.90	5, 26, 27	5, 27, 33	5, 27
		PM	3.65	6.74			
		PM ₁₀	0.57	2.48			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	<0.01	0.03			
OC6FU01	Process Area Fugitives (5)	VOC	9.05	-	3, 4, 5, 18, 19, 20, 21, 47	3, 4, 5, 19, 21, 33, 47	3, 4, 5, 19, 47
		Cl ₂	<0.01	-			
		HCl	<0.01	-			
OC6FU11	South Tank Farm #1 Fugitives (5)	VOC	0.65	-	3, 4, 5, 18, 19, 20, 21, 47	3, 4, 5, 19, 21, 33, 47	3, 4, 5, 19, 47
OC6FU01, OC6FU11	Fugitive Source Group Cap (5)	VOC	-	42.46	3, 4, 5, 17, 18, 19, 20, 21, 47	3, 4, 5, 19, 21, 33, 47	3, 4, 5, 19, 47
		Cl ₂	-	0.04			
		HCl	-	0.01			
OC6GE03	Emergency Diesel Generator	CO	2.34	0.12		33	
		NO _x	10.85	0.54			
		SO ₂	0.72	0.04			
		PM	0.77	0.04			
		PM ₁₀	0.77	0.04			
		PM _{2.5}	0.77	0.04			
		VOC	0.86	0.04			
OC6SC01	OC-602 Degreasing	VOC	0.31	1.34		33	

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
OC6V1	Decoking vent F-9	CO	94.50	2.55		33	
		PM	21.00	0.54			
		PM ₁₀	21.00	0.54			
		PM _{2.5}	21.00	0.54			
Furnace Source Group Cap, Flare Source Group Cap, Storage Tanks Source Group Cap, Fugitive Source Group Cap, OC6F902, OC6F1018, OC6S2000, OC6V1005, OC6CT800, OC6GE03, OC6SC01, and OC6V1	Routine Emissions Compliance Cap	CO	396.94	263.20		33	
		NO _x	277.82	877.40			
		SO ₂	17.55	5.17			
		PM	47.64	50.27			
		PM ₁₀	47.64	50.27			
		PM _{2.5}	47.64	50.27			
		VOC	66.74	129.60			
		Cl ₂	0.01	0.04			
HCl	0.01	0.01					
Maintenance, Startup, and Shutdown Emissions							
OC6S1	Pyrolysis Furnace F1 MSS	CO	224.42	-			
OC6S2	Pyrolysis Furnace F2 MSS	CO	224.42	-			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
OC6S3	Pyrolysis Furnace F3 MSS	CO	224.42	-			
OC6S4	Pyrolysis Furnace F4 MSS	CO	224.42	-			
OC6S5	Pyrolysis Furnace F5 MSS	CO	224.42	-			
OC6S6	Pyrolysis Furnace F6 MSS	CO	224.42	-			
OC6S7	Pyrolysis Furnace F7 MSS	CO	224.42	-			
OC6S8	Pyrolysis Furnace F8 MSS	CO	224.42	-			
OC6S9	Pyrolysis Furnace F9 MSS	CO	224.42	-	47	47	47
OC6S10	Pyrolysis Furnace F10 MSS	CO	224.42	-			
OC6F1	Flare MSS (FS-1)	CO	4927.07	-	23, 46	23, 39, 40, 41, 46	
		NO _x	956.35	-			
		SO ₂	0.45	-			
		VOC (6)	8762.00	-			
		Ethylene	3120.00	-			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Propylene	1200.00	-			
OC2F500	Flare MSS (GF-500)	CO	1168.39	-	23, 39, 40, 41, 46	23, 39, 40, 41, 46	
		NO _x	225.75	-			
		SO ₂	0.45	-			
		VOC (6)	1432.05	-			
		Ethylene	834.95	-			
		Propylene	660.00	-			
OC6F1, OC2F500	Flare MSS Emissions Annual Cap	CO	-	78.90	23, 39, 40, 41, 46	23, 39, 40, 41, 46	
		NO _x	-	15.32			
		SO ₂	-	<0.01			
		VOC (6)	-	74.74			
		Ethylene	-	37.11			
		Propylene	-	22.15			
OC6S9	Furnace Purge, H-9	CO	0.01	0.01			
		VOC	0.04	0.01			
OC6MEFU1	Attachment A Activities	VOC	0.09	0.01	39, 40, 41, 42	39, 40, 41, 42	
	Attachment B Activities	VOC	3.65	0.11			

Major NSR Summary Table

Permit Numbers 20432, N274, and PSDTX994M2					Issuance Date: March 31, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Equipment Opening (Attachment C)	VOC	283.73	0.49			
OC6TOT	Portable Thermal Oxidizer	CO	1.00	0.20	39, 46	39, 40, 41, 46	
		NO _x	1.20	0.24			
		PM	0.08	0.02			
		PM ₁₀	0.08	0.02			
		PM _{2.5}	0.08	0.02			
		SO ₂	0.07	0.04			
		VOC	1.64	0.12			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
 - Cl₂ - Chlorine
 - HCl - Hydrogen Chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) VOC emission rates include the ethylene and/or propylene HRVOC emissions.

- (7) The flare emissions authorized through this Permit are only the emissions from The Dow Chemical Company's Light Hydrocarbons (LHC)-8 Unit. Emissions resulting from the waste stream from Braskem America, Inc.'s NSR Permit 37884 controlled by any of the flares are authorized and reported by Braskem America, Inc.
- (8) The flare emissions authorized under project 342900 are in effect until the implementation of the Flare Gas Recovery project. Once this project is implemented, these emissions (DMDS emissions from D-91) should only be routed to Thermal Oxidizer (EPN OC6S2000).



August 27, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Hydrocarbons, RN100225945
Title V Operating Permit Application Update for Hydrocarbons Plant, O2213
TCEQ Project Number: 37218

Dear Mr. McDonald,

The Dow Chemical Company is submitting an application update for the Hydrocarbons Title V Permit Renewal application that was received by TCEQ on September 30, 2024 (Project #37218).

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

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

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

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

Date: August 27, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ1	N/A	<p>Dow requests updates to unit sources whose UA forms have been updated since the last renewal.</p> <p>In addition, Dow 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 revised in July 2023 (Project #34140).</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.</p>

Federal Operating Permit Program
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Table 2

Date: August 27, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.		Applicable Form		
3	MS-C	NO	BSRSR617 BSRSRD404 BSRSRF200 BSRSRF200 BSRSRF402 BSRSRF402 BSRSRFMNF BSRSRFMNF BSRSRFMW1 BSRSRFMW1 BSRSRFUBRK BSRSRFUDOW BSRSRFUSTV BSRSRGE14 BSRSRGE55A BSRSRH575 BSRSRH628 BSRSRHDHT	BSRSRHET1 BSRSRHET2 BSRSRLR615 BSRSROE1 BSRSRPLHC1 BSRSRPLHC2 BSRSRS401 BSRSRSC301 BSRSRSC01 BSRSRSP626 BSRSRST117 BSRSRST615 BSRSRST616 BSRSRSLT1 BSRSRVSTV PROSDO PROSRNG	OP-SUMR	N/A	Please remove these units from the entire Title V Permit. They have all been transferred to Title V Permit O4673.
4	MS-C	NO	PROL7 PROL7FF PROL8 PROL8FF		OP-SUMR OP-PBR SUP	N/A	Please add PBRs 106.263/11/01/2001 and 106.492/09/04/2000 to the list of authorizations for the process units.

Federal Operating Permit Program
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Table 2

Date: August 27, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
5	MS-C	NO	N/A	OP-REQ1	N/A	Please add PBR 106.492/09/04/2000 to the list of authorizations for the permit area.
6	MS-C	NO	<i>OC6L8F1018</i>	<i>OP-SUMR</i> <i>OP-REQ1</i>	N/A	<i>Please add Standard Permit No. 181152 to the list of authorizations for the permit area.</i> <i>Please add Standard Permit No. 181152 to the list of authorizations for OC6L8F1018.</i>

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

Date	Permit No.	Regulated Entity No.
August 27, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B56L7FU01	OP-UA12	SITE PIPELINE FUGITIVE AREA		83841 106.261/11/01/2003 [149923, 150865, 152663, 158062, 159863, 161544, 163650] 106.262/11/01/2003 [149923, 150865, 152663, 159863, 161544, 163650	
		B60L7F1	OP-UA7 OP-UA15	FLARE FS-1		144784	PSDTX994M1
		B60L7FU1	OP-UA1	FUGITIVES AREA B-6000		144784	PSDTX994M1
		B72L7CT1	OP-UA13	COOLING TOWER CT-1		144784 106.371/09/04/2000	PSDTX994M1
		B72L7D103	OP-UA15	D-103 SMALL FLARE K.O. POT		144784	PSDTX994M1
		B72L7D108	OP-REQ2	D-108 SLOP OIL DRUM		144784	PSDTX994M1
		B72L7D18	OP-UA3	D-18 WASTEWATER STORAGE DRUM		144784	PSDTX994M1
		B72L7D18A	OP-UA3	D-218A OILY WATER SURGE DRUM (LUBE OIL AND WATER)		144784	PSDTX994M1
		B72L7D18C	OP-UA14	D-218C CONE DRUM (SLOP OIL STORAGE)		144784	PSDTX994M1
		B72L7D19	OP-UA3	D-19 WASTEWATER STORAGE DRUM		144784	PSDTX994M1

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		B72L7D2	OP-UA14	D-2 QUENCH WATER OIL/WATER SEPARATOR		144784	PSDTX994M1
		B72L7D202	OP-UA3	D-202 SPENT CAUSTIC DEGASSER DRUM		144784	PSDTX994M1
		B72L7D203B	OP-UA3	D-203B OIL OVERLFLOW DRUM		144784	PSDTX994M1
		B72L7D204A	OP-UA3	D-204A SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204B	OP-UA3	D-204B SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204C	OP-UA3	D-204C SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D27	OP-UA3	D27, T-28 FEED SURGE DRUM		144784	PSDTX994M1
		B72L7D28	OP-UA3	D-28, T-28 O.H. FUEL GAS K.O. DRUM		144784	PSDTX994M1
		B72L7D4	OP-UA14	D-4 OIL/WATER SEPARATOR		161913	
		B72L7D450	OP-UA3	D-450 PROCESS WATER TO WWT PLANT (STORAGE DRUM)		144784	PSDTX994M1
		B72L7D452	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF D-100		144784	PSDTX994M1
		B72L7D453	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF C-10		144784	PSDTX994M1
		B72L7D511	OP-UA14	D-511 OIL WATER SEPARATOR		144784	PSDTX994M1

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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August 27, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7D530A	OP-UA3	C4+ PRODUCT TANK DEWATERING DRUM		144784	PSDTX994M1
		B72L7D6	OP-UA3	D-6 FLARE DRUM		144784	PSDTX994M1
		B72L7D63	OP-UA3	GREEN OIL KNOCKOUT DRUM		144784	PSDTX994M1
		B72L7D6A	OP-UA3	D-6A, D-6 BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D7	OP-UA3	D-7 FLARE BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D77	OP-UA3	D-77 OILY WATER BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D80	OP-UA3	D-80 WASH OIL DRUM		144784	PSDTX994M1
		B72L7D81	OP-UA3	D-81 WASH OIL RETURN DRUM		144784 106.261/11/01/2003 [166260] 106.262/11/01/2003 [166260]	PSDTX994M1
		B72L7DF1	OP-UA15	DF-1 FLARE K.O. DRUM		144784	PSDTX994M1
		B72L7DF1A	OP-REQ2	DF-1A FLARE BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7DF2	OP-UA15	DF-2 FLARE K.O. DRUM		144784	PSDTX994M1
		B72L7DF2B	OP-REQ2	FLARE DRUM BLOWDOWN COLLECTION DRUM		144784	PSDTX994M1

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		B72L7F2	OP-UA7	FS-2 FLARE-SMALL/TANK FARM FLARE		123731 144784 106.261/11/01/2003 [158547] 106.262/11/01/2003 [158547]	PSDTX994M1
	2	B72L7FU1	OP-UA1 OP-UA12	B-7200 FUGITIVE AREA		144784 106.261/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 160358, 161923, 162615, 164116, 165274, 167397, 169510, 171224, 172555, 177229] 106.262/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 161923, 162615, 163041, 164116, 165274, 167397, 165805, 171224, 172555]	PSDTX994M1
		B72L7GE01	OP-UA2	EMERGENCY DIESEL GENERATOR		144784	PSDTX994M1
		B72L7GE02	OP-UA2	EMERGENCY DIESEL GENERATOR		106.511/09/04/2000	
		B72L7HH1	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-1		144784	PSDTX994M1
		B72L7HH2	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-2		144784	PSDTX994M1

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		B72L7HH3	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-3		144784	PSDTX994M1
		B72L7HH4	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-4		144784	PSDTX994M1
		B72L7HH5	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-5		144784	PSDTX994M1
		B72L7LR1	OP-UA4	B-7200 UNLOADING AREA		144784	PSDTX994M1
		B72L7R38	OP-REQ2	R-38 METHANATOR REACTOR		144784	PSDTX994M1
		B72L7R60A	OP-REQ2	R-60A ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60B	OP-REQ2	R-60B ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60C	OP-REQ2	R-60C ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7S206	OP-UA3	S-206 CAUSTIC COALESCER SOLIDS REMOVAL DRUM		144784	PSDTX994M1
		B72L7SC02	OP-UA16	B-7202 SOLVENT CLEANING		144784	PSDTX994M1
		B72L7SP203	OP-UA14	D-203-1 SPENT CAUSTIC SURGE DRUM		144784	PSDTX994M1
		B72L7T101	OP-REQ2	T-101 LPG SPLITTER		144784	PSDTX994M1

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		B72L7T51	OP-REQ2	T-51 DEMETHANIZER TOWER		144784	PSDTX994M1
		B72L7T52	OP-REQ2	T-52 DE-ETHANIZER TOWER		144784	PSDTX994M1
		B72L7T53A	OP-REQ2	T-53A DEPROPANIZER		144784	PSDTX994M1
		B72L7T53B	OP-REQ2	T-53B DEPROPANIZER		144784	PSDTX994M1
		B72L7T54A	OP-REQ2	T-54A TOP SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T54B	OP-REQ2	T-54B BOTTOM SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T71	OP-REQ2	T-71 SECONDARY DE-METHANIZER		144784	PSDTX994M1
		B72L7T72	OP-REQ2	T-72 C2 SPLITTER TOWER		144784	PSDTX994M1
D	3	BSRSR617	OP-UA3	TRIETHYLENE GLYCOL		22072	
D	3	BSRSRD404	OP-REQ2	D404 LAST KNOCKOUT DRUM BEFORE FS 401 FLARE		22072	
D	3	BSRSRF200	OP-UA7	DW 6 DEHY FLARE		22072	
D	3	BSRSRF200	OP-UA15	VENTS ROUTED TO DW 6 DEHY FLARE		22072	
D	3	BSRSRF402	OP-UA7	BRINE FLARE NO. 2		22072	
D	3	BSRSRF402	OP-UA15	VENTS ROUTED TO BRINE FLARE 2		22072	
D	3	BSRSRFMNF	OP-UA7	STEVENS MAIN FLARE		22072	

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August 27, 2025	O2213	RN100225945

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D	3	BSRSRFMNF	OP-UA15	VENTS ROUTED TO STEVENS MAIN FLARE		22072	
D	3	BSRSRFMW1	OP-UA7	MONITOR WELL NO. 1 FLARE		22072	
D	3	BSRSRFMW1	OP-UA15	VENTS TO MONITORING WELL NO. 1 FLARE		22072	
D	3	BSRSRFUBRK	OP-UA12	STEVENS PROCESS FUGITIVE		22072 106.261/11/01/2003 [152182, 157214, 157724] 106.262/11/01/2003 [157214] 106.472/09/04/2000 [157214]	
D	3	BSRSRFUDOW	OP-UA12	BROCK PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182]	
D	3	BSRSRFUSTV	OP-UA12	DOW PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182, 154273, 157724, 163128, 170207]	
D	3	BSRSRGE14	OP-UA2	C14 ENGINE EXHAUST		22072	
D	3	BSRSRGE55A	OP-UA2	GAS ENGINE EXHAUST		22072	
D	3	BSRSRH575	OP-UA5	DOWTHERM HEATER H 575		22072	
D	3	BSRSRH628	OP-UA5	DW 6 DEHY HEATER		22072	
D	3	BSRSRHDHT	OP-UA5	SALT DOME OPERATION DOWTHERM HEATER		22072	

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D	3	BSRSRHET1	OP-UA5	NORTH ETHYLENE HEATER		22072	
D	3	BSRSRHET2	OP-UA5	SOUTH ETHYLENE HEATER		22072	
D	3	BSRSRLR615	OP-UA4	DW-6 HC LOADING RACK		22072	
D	3	BSRSROE1	OP-UA7 OP-UA15	MAINTENANCE EQUIPMENT CLEARING		22072	
D	3	BSRSRPLHC1	OP-UA3	LHC SURGE POND 1		22072	
D	3	BSRSRPLHC2	OP-UA3	LHC SURGE POND 2		22072	
D	3	BSRSRS401	OP-UA14	S-401 SEPARATOR		22072	
D	3	BSRSRSC01	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	3	BSRSRSC301	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	3	BSRSRSP626	OP-UA14	WATER SEPARATOR		22072	
D	3	BSRSRST202	OP-REQ2	GASOLINE TANK		22072	
D	3	BSRSRST615	OP-UA3	DW-6 HC TANK		22072	
D	3	BSRSRST616	OP-UA3	DW-6 METHANOL TANK		22072	
D	3	BSRSRTL1	OP-UA4	MAINTENANCE TRUCK LOADING RACK		106.263/11/01/2001	

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August 27, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	BSRSRVSTV	OP-UA3	T-5 (SS1) DBSA TANK AT STEVENS		22072 106.472/09/04/2000	
		OC2L8GF500	OP-UA7	GROUND FLARE GF-500		20432	PSDTX994M2 N274
		OC6FL066A	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL066B	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL166A	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6FL166B	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6L8CT800	OP-UA13	COOLING TOWER		20432 106.371/09/04/2000	PSDTX994M2 N274
		OC6L8D069	OP-UA14	D-1069 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1015	OP-UA3	D-1015 QUENCH AREA STEAM OUT K.O. DRUM		20432	PSDTX994M2 N274
		OC6L8D1080	OP-UA3	D-1080 VERTICAL VESSEL		20432	PSDTX994M2 N274
		OC6L8D1081	OP-UA3	D-1081 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1180	OP-UA3	D-1180 VERTICAL VESSEL		20432	PSDTX994M2 N274

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		OC6L8D1181	OP-UA14 OP-UA19	D-1181 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1540	OP-UA3	D-1540 DIESEL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8D169	OP-UA14 OP-UA19	D-1169 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D230	OP-UA3	D-230 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D27	OP-UA14	D-27 SPENT CAUSTIC/HC DEGASSING D		20432	PSDTX994M2 N274
		OC6L8D280	OP-UA19	V-280 VESSEL		20432	PSDTX994M2 N274
		OC6L8D301	OP-UA14	D-301 OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D433	OP-UA14	D-433 OIL/WATER SEPARATOR		166672	
		OC6L8D906	OP-UA3	D-906 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D91	OP-UA3	D-91 DIMETHYL DISULFIDE STOR. DRUM		20432	PSDTX994M2 N274
		OC6L8D97	OP-UA3	D-97 METHANOL STORAGE DRUM		20432	PSDTX994M2 N274
		OC6L8F1	OP-UA7	FS-1 ELEVATED FLARE STACK		20432	PSDTX994M2 N274

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	2, 6	OC6L8F1018	OP-UA7	FS-1018 VENT FLARE #1		20432 181152 106.261/11/01/2003 [170264]	PSDTX994M2 N274
		OC6L8F902	OP-UA7	FS-902 SOUTH TANK FARM VENT FLARE		20432	PSDTX994M2 N274
	2	OC6L8FU01	OP-UA1 OP-UA12	ETHYLENE PROCESS AREA FUGITIVES		20432 106.261/11/01/2003 [162922, 163968, 164734, 165416, 166753, 170264, 161951, 171949, 172813, 173020, 173885, 176418] 106.262/11/01/2003 [162922, 163968, 165416 171949, 172813, 173020, 176418]	PSDTX994M2 N274
	2	OC6L8FU11	OP-UA1 OP-UA12	SOUTH TANK FARM FUGITIVES 1		20432 106.261/11/01/2003 [157214, 161951, 163968, 172813] 106.262/11/01/2003 [157214, 163968, 172813] 106.472/09/04/2000 [157214]	PSDTX994M2 N274
		OC6L8GE03	OP-UA2	EMERGENCY DIESEL GENERATOR		20432	PSDTX994M2 N274
		OC6L8H1	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-1		20432	PSDTX994M2 N274
		OC6L8H10	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-10		20432	PSDTX994M2 N274

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		OC6L8H2	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-2		20432	PSDTX994M2 N274
		OC6L8H3	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-3		20432	PSDTX994M2 N274
		OC6L8H4	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-4		20432	PSDTX994M2 N274
		OC6L8H5	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-5		20432	PSDTX994M2 N274
		OC6L8H6	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-6		20432	PSDTX994M2 N274
		OC6L8H7	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-7		20432	PSDTX994M2 N274
		OC6L8H8	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-8		20432	PSDTX994M2 N274
		OC6L8H9	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-9		20432	PSDTX994M2 N274
		OC6L8LR1	OP-UA4	OC-6 UNLOADING AREA		20432	PSDTX994M2 N274
		OC6L8R44A	OP-UA48	R-44A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R44B	OP-UA48	R-44B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45A	OP-REQ2	R-45A ACETYLENE REACTOR		20432	PSDTX994M2 N274

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.
August 27, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8R45B	OP-REQ2	R-45B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6LR45C	OP-REQ2	R-45C ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8RX1	OP-UA15	PROCESS VENTS TO FLARES OX2F500 AND OC6F1		20432	PSDTX994M2 N274
		OC6L8RX2	OP-UA15	PROCESS EPN FOR VENT TO TOX FX- 2000		20432	PSDTX994M2 N274
		OC6L8RX3	OP-UA15	PROCESS FIN FOR VENT TO F-902 FLARE		20432	PSDTX994M2 N274
		OC6L8RX4	OP-UA15	PROCESS FIN FOR VENT TO FLARE FS-1018		20432	PSDTX994M2 N274
		OC6L8S068	OP-UA3	S-1068 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8S168	OP-UA3	S-1168 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8SP114	OP-REQ2	D-114 LUBE OIL RUNDOWN TANK		20432	PSDTX994M2 N274
		OC6L8ST01A	OP-UA3	PYGAS STORAGE TANK V-1101A		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8ST01B	OP-UA3	PYGAS STORAGE TANK V-1101B		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
August 27, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8ST505	OP-UA3	V-1505 FUEL OIL STORAGE		20432	PSDTX994M2 N274
		OC6L8ST901	OP-UA3	V-1901 NAPTH OR CONDENSATE STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8ST916	OP-UA3	V-1916 FUEL OIL STORAGE		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8T070	OP-UA14	T-1070 BENZENE STRIPPER		20432	PSDTX994M2 N274
		OC6L8T170	OP-UA14	T-1170 AROMATIC STRIPPER		20432	PSDTX994M2 N274
		OC6L8T28A	OP-REQ2	T-28A SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
		OC6L8T28B	OP-REQ2	T-28B SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
		OC6L8TO	OP-REQ2	FS-2000 THERMAL OXIDIZER INCINERATOR		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8V1005	OP-UA3	WASH OIL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8V1020	OP-UA3	V-1020 QUENCH AREA EFFLUENT WATER TANK		20432	PSDTX994M2 N274
		OC6L8V1045	OP-REQ2	V-1045 BIO POND TANK #1		20432	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
August 27, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8V1050	OP-REQ2	V-1050 BIO POND TANK #2		20432	PSDTX994M2 N274
		OC6L8V1905	OP-UA3	PROCESS WATER		20432	PSDTX994M2 N274
		OC6L8V280	OP-UA3	V-280 SPENT CAUSTIC SURGE TANK		20432	PSDTX994M2 N274
	4	PROL7	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #7		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	4	PROL7FF	OP-UA58	LIGHT HYDROCARBON 7		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	4	PROL8	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #8		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	4	PROL8FF	OP-UA58	LIGHT HYDROCARBON 8		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
D	3	PROSDO	OP-UA57	PROCESS UNIT ID FOR SDO		22072	
D	3	PROSRNG	OP-REQ2	SDO NATURAL GAS DEHYDRATION UNIT		22072	
		WWCL7	OP-REQ2	LHC 7 PROCESS WASTEWATER		144784	PSDTX994M1

**Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 6)
Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
August 27, 2025	O2213	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
20432	11/09/2023	144784	04/04/2023		
22072	05/07/2021	161913	01/05/2023		
83841	06/24/2020	166672	09/11/2023		
123731	10/04/2023	181152	08/22/2025		

- ◆ **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	106.475	03/14/1997		
106.262	11/01/2003	106.475	09/04/2000		
106.263	11/01/2001	106.478	09/04/2000		
106.371	09/04/2000	106.492	09/04/2000		
106.412	09/04/2000	106.511	09/04/2000		
106.452	09/04/2000	106.532	09/04/2000		
106.454	11/01/2001				
106.472	09/04/2000				
106.473	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



July 16, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Hydrocarbons, RN100225945
Title V Operating Permit Application Update for Hydrocarbons Plant, O2213
TCEQ Project Number: 37218

Dear Mr. McDonald,

The Dow Chemical Company is submitting an application update for the Hydrocarbons Title V Permit Renewal application that was received by TCEQ on September 30, 2024 (Project #37218).

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

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

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

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

Date: July 16, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ1	N/A	<p>Dow requests updates to unit sources whose UA forms have been updated since the last renewal.</p> <p>In addition, Dow 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 revised in July 2023 (Project #34140).</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.</p>

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

Date: July 16, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.		Applicable Form		
3	MS-C	NO	<i>BSRSR617</i> <i>BSRSRD404</i> <i>BSRSRF200</i> <i>BSRSRF200</i> <i>BSRSRF402</i> <i>BSRSRF402</i> <i>BSRSRFMNF</i> <i>BSRSRFMNF</i> <i>BSRSRFMW1</i> <i>BSRSRFMW1</i> <i>BSRSRFUBRK</i> <i>BSRSRFUDOW</i> <i>BSRSRFUSTV</i> <i>BSRSRGE14</i> <i>BSRSRGE55A</i> <i>BSRSRH575</i> <i>BSRSRH628</i> <i>BSRSRHDHT</i>	<i>BSRSRHET1</i> <i>BSRSRHET2</i> <i>BSRSRLR615</i> <i>BSRSROE1</i> <i>BSRSRPLHC1</i> <i>BSRSRPLHC2</i> <i>BSRSRS401</i> <i>BSRSRSC301</i> <i>BSRSRSC01</i> <i>BSRSRSP626</i> <i>BSRSRST117</i> <i>BSRSRST615</i> <i>BSRSRST616</i> <i>BSRSRTL1</i> <i>BSRSRVSTV</i> <i>PROSDO</i> <i>PROSRNG</i>	<i>OP-SUMR</i>	N/A	<i>Please remove these units from the entire Title V Permit. They have all been transferred to Title V Permit O4673.</i>
4	MS-C	NO	<i>PROL7</i> <i>PROL7FF</i> <i>PROL8</i> <i>PROL8FF</i>		<i>OP-SUMR</i> <i>OP-PBR SUP</i>	N/A	<i>Please add PBRs 106.263/11/01/2001 and 106.492/09/04/2000 to the list of authorizations for the process units.</i>

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

Date: July 16, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
5	MS-C	NO	N/A	OP-REQ1	N/A	<i>Please add PBR 106.492/09/04/2000 to the list of authorizations for the permit area.</i>

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

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B56L7FU01	OP-UA12	SITE PIPELINE FUGITIVE AREA		83841 106.261/11/01/2003 [149923, 150865, 152663, 158062, 159863, 161544, 163650] 106.262/11/01/2003 [149923, 150865, 152663, 159863, 161544, 163650	
		B60L7F1	OP-UA7 OP-UA15	FLARE FS-1		144784	PSDTX994M1
		B60L7FU1	OP-UA1	FUGITIVES AREA B-6000		144784	PSDTX994M1
		B72L7CT1	OP-UA13	COOLING TOWER CT-1		144784 106.371/09/04/2000	PSDTX994M1
		B72L7D103	OP-UA15	D-103 SMALL FLARE K.O. POT		144784	PSDTX994M1
		B72L7D108	OP-REQ2	D-108 SLOP OIL DRUM		144784	PSDTX994M1
		B72L7D18	OP-UA3	D-18 WASTEWATER STORAGE DRUM		144784	PSDTX994M1
		B72L7D18A	OP-UA3	D-218A OILY WATER SURGE DRUM (LUBE OIL AND WATER)		144784	PSDTX994M1
		B72L7D18C	OP-UA14	D-218C CONE DRUM (SLOP OIL STORAGE)		144784	PSDTX994M1
		B72L7D19	OP-UA3	D-19 WASTEWATER STORAGE DRUM		144784	PSDTX994M1

**Federal Operating Permit Program
Individual Unit Summary for Revisions
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July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7D2	OP-UA14	D-2 QUENCH WATER OIL/WATER SEPARATOR		144784	PSDTX994M1
		B72L7D202	OP-UA3	D-202 SPENT CAUSTIC DEGASSER DRUM		144784	PSDTX994M1
		B72L7D203B	OP-UA3	D-203B OIL OVERLFLOW DRUM		144784	PSDTX994M1
		B72L7D204A	OP-UA3	D-204A SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204B	OP-UA3	D-204B SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204C	OP-UA3	D-204C SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D27	OP-UA3	D27, T-28 FEED SURGE DRUM		144784	PSDTX994M1
		B72L7D28	OP-UA3	D-28, T-28 O.H. FUEL GAS K.O. DRUM		144784	PSDTX994M1
		B72L7D4	OP-UA14	D-4 OIL/WATER SEPARATOR		161913	
		B72L7D450	OP-UA3	D-450 PROCESS WATER TO WWT PLANT (STORAGE DRUM)		144784	PSDTX994M1
		B72L7D452	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF D-100		144784	PSDTX994M1
		B72L7D453	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF C-10		144784	PSDTX994M1
		B72L7D511	OP-UA14	D-511 OIL WATER SEPARATOR		144784	PSDTX994M1

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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**Federal Operating Permit Program
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		B72L7D530A	OP-UA3	C4+ PRODUCT TANK DEWATERING DRUM		144784	PSDTEX994M1
		B72L7D6	OP-UA3	D-6 FLARE DRUM		144784	PSDTEX994M1
		B72L7D63	OP-UA3	GREEN OIL KNOCKOUT DRUM		144784	PSDTEX994M1
		B72L7D6A	OP-UA3	D-6A, D-6 BLOWDOWN DRUM		144784	PSDTEX994M1
		B72L7D7	OP-UA3	D-7 FLARE BLOWDOWN DRUM		144784	PSDTEX994M1
		B72L7D77	OP-UA3	D-77 OILY WATER BLOWDOWN DRUM		144784	PSDTEX994M1
		B72L7D80	OP-UA3	D-80 WASH OIL DRUM		144784	PSDTEX994M1
		B72L7D81	OP-UA3	D-81 WASH OIL RETURN DRUM		144784 106.261/11/01/2003 [166260] 106.262/11/01/2003 [166260]	PSDTEX994M1
		B72L7DF1	OP-UA15	DF-1 FLARE K.O. DRUM		144784	PSDTEX994M1
		B72L7DF1A	OP-REQ2	DF-1A FLARE BLOWDOWN DRUM		144784	PSDTEX994M1
		B72L7DF2	OP-UA15	DF-2 FLARE K.O. DRUM		144784	PSDTEX994M1
		B72L7DF2B	OP-REQ2	FLARE DRUM BLOWDOWN COLLECTION DRUM		144784	PSDTEX994M1

**Federal Operating Permit Program
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		B72L7F2	OP-UA7	FS-2 FLARE-SMALL/TANK FARM FLARE		123731 144784 106.261/11/01/2003 [158547] 106.262/11/01/2003 [158547]	PSDTX994M1
	2	B72L7FU1	OP-UA1 OP-UA12	B-7200 FUGITIVE AREA		144784 106.261/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 160358, 161923, 162615, 164116, 165274, 167397, 169510, 171224, 172555, 177229] 106.262/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 161923, 162615, 163041, 164116, 165274, 167397, 165805, 171224, 172555]	PSDTX994M1
		B72L7GE01	OP-UA2	EMERGENCY DIESEL GENERATOR		144784	PSDTX994M1
		B72L7GE02	OP-UA2	EMERGENCY DIESEL GENERATOR		106.511/09/04/2000	
		B72L7HH1	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-1		144784	PSDTX994M1
		B72L7HH2	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-2		144784	PSDTX994M1

**Federal Operating Permit Program
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		B72L7HH3	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-3		144784	PSDTX994M1
		B72L7HH4	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-4		144784	PSDTX994M1
		B72L7HH5	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-5		144784	PSDTX994M1
		B72L7LR1	OP-UA4	B-7200 UNLOADING AREA		144784	PSDTX994M1
		B72L7R38	OP-REQ2	R-38 METHANATOR REACTOR		144784	PSDTX994M1
		B72L7R60A	OP-REQ2	R-60A ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60B	OP-REQ2	R-60B ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60C	OP-REQ2	R-60C ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7S206	OP-UA3	S-206 CAUSTIC COALESCER SOLIDS REMOVAL DRUM		144784	PSDTX994M1
		B72L7SC02	OP-UA16	B-7202 SOLVENT CLEANING		144784	PSDTX994M1
		B72L7SP203	OP-UA14	D-203-1 SPENT CAUSTIC SURGE DRUM		144784	PSDTX994M1
		B72L7T101	OP-REQ2	T-101 LPG SPLITTER		144784	PSDTX994M1

**Federal Operating Permit Program
Individual Unit Summary for Revisions
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July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		B72L7T51	OP-REQ2	T-51 DEMETHANIZER TOWER		144784	PSDTX994M1
		B72L7T52	OP-REQ2	T-52 DE-ETHANIZER TOWER		144784	PSDTX994M1
		B72L7T53A	OP-REQ2	T-53A DEPROPANIZER		144784	PSDTX994M1
		B72L7T53B	OP-REQ2	T-53B DEPROPANIZER		144784	PSDTX994M1
		B72L7T54A	OP-REQ2	T-54A TOP SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T54B	OP-REQ2	T-54B BOTTOM SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T71	OP-REQ2	T-71 SECONDARY DE-METHANIZER		144784	PSDTX994M1
		B72L7T72	OP-REQ2	T-72 C2 SPLITTER TOWER		144784	PSDTX994M1
D	3	BSRSR617	OP-UA3	TRIETHYLENE GLYCOL		22072	
D	3	BSRSRD404	OP-REQ2	D404 LAST KNOCKOUT DRUM BEFORE FS 401 FLARE		22072	
D	3	BSRSRF200	OP-UA7	DW 6 DEHY FLARE		22072	
D	3	BSRSRF200	OP-UA15	VENTS ROUTED TO DW 6 DEHY FLARE		22072	
D	3	BSRSRF402	OP-UA7	BRINE FLARE NO. 2		22072	
D	3	BSRSRF402	OP-UA15	VENTS ROUTED TO BRINE FLARE 2		22072	
D	3	BSRSRFMNF	OP-UA7	STEVENS MAIN FLARE		22072	

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR – Table 1**

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	BSRSRFMNF	OP-UA15	VENTS ROUTED TO STEVENS MAIN FLARE		22072	
D	3	BSRSRFMW1	OP-UA7	MONITOR WELL NO. 1 FLARE		22072	
D	3	BSRSRFMW1	OP-UA15	VENTS TO MONITORING WELL NO. 1 FLARE		22072	
D	3	BSRSRFUBRK	OP-UA12	STEVENS PROCESS FUGITIVE		22072 106.261/11/01/2003 [152182, 157214, 157724] 106.262/11/01/2003 [157214] 106.472/09/04/2000 [157214]	
D	3	BSRSRFUDOW	OP-UA12	BROCK PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182]	
D	3	BSRSRFUSTV	OP-UA12	DOW PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182, 154273, 157724, 163128, 170207]	
D	3	BSRSRGE14	OP-UA2	C14 ENGINE EXHAUST		22072	
D	3	BSRSRGE55A	OP-UA2	GAS ENGINE EXHAUST		22072	
D	3	BSRSRH575	OP-UA5	DOWTHERM HEATER H 575		22072	
D	3	BSRSRH628	OP-UA5	DW 6 DEHY HEATER		22072	
D	3	BSRSRHDHT	OP-UA5	SALT DOME OPERATION DOWTHERM HEATER		22072	

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

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	BSRSRHET1	OP-UA5	NORTH ETHYLENE HEATER		22072	
D	3	BSRSRHET2	OP-UA5	SOUTH ETHYLENE HEATER		22072	
D	3	BSRSRLR615	OP-UA4	DW-6 HC LOADING RACK		22072	
D	3	BSRSROE1	OP-UA7 OP-UA15	MAINTENANCE EQUIPMENT CLEARING		22072	
D	3	BSRSRPLHC1	OP-UA3	LHC SURGE POND 1		22072	
D	3	BSRSRPLHC2	OP-UA3	LHC SURGE POND 2		22072	
D	3	BSRSRS401	OP-UA14	S-401 SEPARATOR		22072	
D	3	BSRSRSC01	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	3	BSRSRSC301	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	3	BSRSRSP626	OP-UA14	WATER SEPARATOR		22072	
D	3	BSRSRST202	OP-REQ2	GASOLINE TANK		22072	
D	3	BSRSRST615	OP-UA3	DW-6 HC TANK		22072	
D	3	BSRSRST616	OP-UA3	DW-6 METHANOL TANK		22072	
D	3	BSRSRTL1	OP-UA4	MAINTENANCE TRUCK LOADING RACK		106.263/11/01/2001	

**Federal Operating Permit Program
Individual Unit Summary for Revisions
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Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	BSRSRVSTV	OP-UA3	T-5 (SS1) DBSA TANK AT STEVENS		22072 106.472/09/04/2000	
		OC2L8GF500	OP-UA7	GROUND FLARE GF-500		20432	PSDTX994M2 N274
		OC6FL066A	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL066B	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL166A	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6FL166B	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6L8CT800	OP-UA13	COOLING TOWER		20432 106.371/09/04/2000	PSDTX994M2 N274
		OC6L8D069	OP-UA14	D-1069 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1015	OP-UA3	D-1015 QUENCH AREA STEAM OUT K.O. DRUM		20432	PSDTX994M2 N274
		OC6L8D1080	OP-UA3	D-1080 VERTICAL VESSEL		20432	PSDTX994M2 N274
		OC6L8D1081	OP-UA3	D-1081 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1180	OP-UA3	D-1180 VERTICAL VESSEL		20432	PSDTX994M2 N274

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR – Table 1**

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8D1181	OP-UA14 OP-UA19	D-1181 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1540	OP-UA3	D-1540 DIESEL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8D169	OP-UA14 OP-UA19	D-1169 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D230	OP-UA3	D-230 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D27	OP-UA14	D-27 SPENT CAUSTIC/HC DEGASSING D		20432	PSDTX994M2 N274
		OC6L8D280	OP-UA19	V-280 VESSEL		20432	PSDTX994M2 N274
		OC6L8D301	OP-UA14	D-301 OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D433	OP-UA14	D-433 OIL/WATER SEPARATOR		166672	
		OC6L8D906	OP-UA3	D-906 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D91	OP-UA3	D-91 DIMETHYL DISULFIDE STOR. DRUM		20432	PSDTX994M2 N274
		OC6L8D97	OP-UA3	D-97 METHANOL STORAGE DRUM		20432	PSDTX994M2 N274
		OC6L8F1	OP-UA7	FS-1 ELEVATED FLARE STACK		20432	PSDTX994M2 N274

**Federal Operating Permit Program
Individual Unit Summary for Revisions
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Date	Permit No.	Regulated Entity No.
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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	OC6L8F1018	OP-UA7	FS-1018 VENT FLARE #1		20432 106.261/11/01/2003 [170264]	PSDTX994M2 N274
		OC6L8F902	OP-UA7	FS-902 SOUTH TANK FARM VENT FLARE		20432	PSDTX994M2 N274
	2	OC6L8FU01	OP-UA1 OP-UA12	ETHYLENE PROCESS AREA FUGITIVES		20432 106.261/11/01/2003 [162922, 163968, 164734, 165416, 166753, 170264, 161951, 171949, 172813, 173020, 173885, 176418] 106.262/11/01/2003 [162922, 163968, 165416 171949, 172813, 173020, 176418]	PSDTX994M2 N274
	2	OC6L8FU11	OP-UA1 OP-UA12	SOUTH TANK FARM FUGITIVES 1		20432 106.261/11/01/2003 [157214, 161951, 163968, 172813] 106.262/11/01/2003 [157214, 163968, 172813] 106.472/09/04/2000 [157214]	PSDTX994M2 N274
		OC6L8GE03	OP-UA2	EMERGENCY DIESEL GENERATOR		20432	PSDTX994M2 N274
		OC6L8H1	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-1		20432	PSDTX994M2 N274
		OC6L8H10	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-10		20432	PSDTX994M2 N274
		OC6L8H2	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-2		20432	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8H3	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-3		20432	PSDTX994M2 N274
		OC6L8H4	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-4		20432	PSDTX994M2 N274
		OC6L8H5	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-5		20432	PSDTX994M2 N274
		OC6L8H6	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-6		20432	PSDTX994M2 N274
		OC6L8H7	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-7		20432	PSDTX994M2 N274
		OC6L8H8	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-8		20432	PSDTX994M2 N274
		OC6L8H9	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-9		20432	PSDTX994M2 N274
		OC6L8LR1	OP-UA4	OC-6 UNLOADING AREA		20432	PSDTX994M2 N274
		OC6L8R44A	OP-UA48	R-44A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R44B	OP-UA48	R-44B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45A	OP-REQ2	R-45A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45B	OP-REQ2	R-45B ACETYLENE REACTOR		20432	PSDTX994M2 N274

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR – Table 1**

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6LR45C	OP-REQ2	R-45C ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8RX1	OP-UA15	PROCESS VENTS TO FLARES OX2F500 AND OC6F1		20432	PSDTX994M2 N274
		OC6L8RX2	OP-UA15	PROCESS EPN FOR VENT TO TOX FX- 2000		20432	PSDTX994M2 N274
		OC6L8RX3	OP-UA15	PROCESS FIN FOR VENT TO F-902 FLARE		20432	PSDTX994M2 N274
		OC6L8RX4	OP-UA15	PROCESS FIN FOR VENT TO FLARE FS-1018		20432	PSDTX994M2 N274
		OC6L8S068	OP-UA3	S-1068 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8S168	OP-UA3	S-1168 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8SP114	OP-REQ2	D-114 LUBE OIL RUNDOWN TANK		20432	PSDTX994M2 N274
		OC6L8ST01A	OP-UA3	PYGAS STORAGE TANK V-1101A		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8ST01B	OP-UA3	PYGAS STORAGE TANK V-1101B		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8ST505	OP-UA3	V-1505 FUEL OIL STORAGE		20432	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8ST901	OP-UA3	V-1901 NAPTH OR CONDENSATE STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8ST916	OP-UA3	V-1916 FUEL OIL STORAGE		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8T070	OP-UA14	T-1070 BENZENE STRIPPER		20432	PSDTX994M2 N274
		OC6L8T170	OP-UA14	T-1170 AROMATIC STRIPPER		20432	PSDTX994M2 N274
		OC6L8T28A	OP-REQ2	T-28A SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
		OC6L8T28B	OP-REQ2	T-28B SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
		OC6L8TO	OP-REQ2	FS-2000 THERMAL OXIDIZER INCINERATOR		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8V1005	OP-UA3	WASH OIL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8V1020	OP-UA3	V-1020 QUENCH AREA EFFLUENT WATER TANK		20432	PSDTX994M2 N274
		OC6L8V1045	OP-REQ2	V-1045 BIO POND TANK #1		20432	PSDTX994M2 N274
		OC6L8V1050	OP-REQ2	V-1050 BIO POND TANK #2		20432	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8V1905	OP-UA3	PROCESS WATER		20432	PSDTX994M2 N274
		OC6L8V280	OP-UA3	V-280 SPENT CAUSTIC SURGE TANK		20432	PSDTX994M2 N274
	4	PROL7	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #7		20432 <i>106.263/11/01/2001</i> <i>106.492/09/04/2000</i>	PSDTX994M2 N274
	4	PROL7FF	OP-UA58	LIGHT HYDROCARBON 7		20432 <i>106.263/11/01/2001</i> <i>106.492/09/04/2000</i>	PSDTX994M2 N274
	4	PROL8	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #8		20432 <i>106.263/11/01/2001</i> <i>106.492/09/04/2000</i>	PSDTX994M2 N274
	4	PROL8FF	OP-UA58	LIGHT HYDROCARBON 8		20432 <i>106.263/11/01/2001</i> <i>106.492/09/04/2000</i>	PSDTX994M2 N274
D	3	PROSDO	OP-UA57	PROCESS UNIT ID FOR SDO		22072	
D	3	PROSRNG	OP-REQ2	SDO NATURAL GAS DEHYDRATION UNIT		22072	
		WWCL7	OP-REQ2	LHC 7 PROCESS WASTEWATER		144784	PSDTX994M1

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

Date	Permit No.	Regulated Entity No.
July 16, 2025	O2213	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
20432	11/09/2023	144784	04/04/2023		
22072	05/07/2021	161913	01/05/2023		
83841	06/24/2020	166672	09/11/2023		
123731	10/04/2023				

- ◆ **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	106.475	03/14/1997		
106.262	11/01/2003	106.475	09/04/2000		
106.263	11/01/2001	106.478	09/04/2000		
106.371	09/04/2000	106.492	09/04/2000		
106.412	09/04/2000	106.511	09/04/2000		
106.452	09/04/2000	106.532	09/04/2000		
106.454	11/01/2001				
106.472	09/04/2000				
106.473	09/04/2000				

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

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

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

Date	Permit Number	Regulated Entity Number
July 16, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	152308	106.261 106.262	07/20/2018
B72L7FU1	154686	106.261 106.262	02/05/2019
B72L7FU1	156270	106.261 106.262	04/18/2019
B72L7FU1	157613	106.261 106.262	08/09/2019
B72L7FU1 B72L7F2	158547	106.261 106.262	10/29/2019
B72L7FU1	159113	106.261 106.262	11/18/2019
B72L7FU1	160358	106.261	03/10/2020
B72L7FU1	161923	106.261 106.262	08/27/2020
B72L7FU1	162615	106.261 106.262	10/06/2020
B72L7FU1	163041	106.261 106.262	11/02/2020
B72L7FU1	164116	106.261 106.262	03/09/2021
B72L7FU1	165274	106.261 106.262	06/11/2021

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 16, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	165805	106.262	07/20/2021
B72L7D81	166260	106.261 106.262	09/08/2021
B72L7FU1	167397	106.261 106.262	12/22/2021
B72L7FU1	169510	106.261	07/28/2022
OC6L8FU01 OC6L8FU11 OC6L8FU12	161951	106.261	08/06/2020
OC6L8FU01 OC6L8FU11 OC6L8FU12	162922	106.261 106.262	10/14/2020
OC6L8FU01 OC6L8FU11	163968	106.261 106.262	02/11/2021
OC6L8FU01	164734	106.261	05/05/2021
OC6L8FU01	165416	106.261 106.262	06/25/2021
OC6L8FU01	166753	106.261	11/10/2021
OC6L8FU01 OC6L8F1018	170264	106.261	09/30/2022

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 16, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU11 OCNTFFU3	157214	106.261 106.262 106.472	06/24/2019
B56FU01	149923	106.261 106.262	02/02/2018
B56FU01	150865	106.261 106.262	04/17/2018
B56FU01	152663	106.261 106.262	08/22/2018
B56FU01	158062	106.261	09/10/2019
B56FU01	159863	106.261 106.262	02/10/2020
B56FU01	161544	106.261 106.262	06/15/2020
B56FU01	163650	106.261 106.262	01/07/2021
OC6L8FU01	171949	106.261 106.262	03/14/2023
OC6L8FU01 OC6L8FU11	172813	106.261 106.262	06/06/2023
OC6L8FU01	173020	106.261 106.262	06/16/2023
OC6L8FU01	173885	106.261	08/25/2023

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 16, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU01	176418	106.261 106.262	07/01/2024
B72L7FU1	171224	106.261 106.262	12/19/2022
B72L7FU1	172555	106.261 106.262	05/02/2023
B72L7FU1	177229	106.261	08/27/2024

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 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date
B72L7CT1	106.371 106.472	09/04/2000
B72L7GE02	106.511	09/04/2000
OC6L8CT800	106.371 106.472	09/04/2000
<i>PROL7</i>	<i>106.263</i>	<i>11/01/2001</i>
<i>PROL7FF</i>	<i>106.492</i>	<i>09/04/2000</i>
<i>PROL8</i>		
<i>PROL8FF</i>		

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

Date	Permit Number	Regulated Entity Number
July 16, 2025	O2213	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
July 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	152308	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	154686	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	156270	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	157613	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1 B72L7F2	106.261 106.262	158547	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023). The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.
B72L7FU1	106.261 106.262	159113	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	160358	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).

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

Date	Permit Number	Regulated Entity Number
July 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	161923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	162615	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	163041	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	164116	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	165274	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.262	165805	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7D81	106.261 106.262	166260	Maintain records for tank throughput or use FS-2 (EPN B72F1) monitoring equipment requirements. The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.

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 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	167397	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	169510	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261	161951	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261 106.262	162922	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	163968	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	164734	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	165416	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	166753	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

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 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01 OC6L8F1018	106.261	170264	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024). Flare will continue to meet the monitoring and recordkeeping requirements of NSR 20432 SC 23 for minimum net heating value and exit velocity.
OC6L8FU11 OCNTFFU3	106.261 106.262 106.472	157214	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 20432 SC 19 (Permit Issue Date November 9, 2023). New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021). Maintain records of annual throughput.
B56FU01	106.261 106.262	149923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	150865	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	152663	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).

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 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B56FU01	106.261	158062	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	159863	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	161544	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	163650	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B72L7CT1	106.371 106.472	09/04/2000	Cooling Tower (EPN B72CT1) shall be monitored in accordance with the requirements dictated in NSR Permit 144784, Special Condition 13.
B72L7GE02	106.511	09/04/2000	Record operating time with a non-resettable runtime meter.
OC6L8CT800	106.371 106.472	09/04/2000	Cooling Tower (EPN OC6CT800) shall be monitored in accordance with NSR Permit 20432, Special Condition No. 27 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	171949	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	172813	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

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 16, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01	106.261 106.262	173020	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	173885	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	176418	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
B72L7FU1	106.261 106.262	171224	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	172555	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	177229	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
<i>PROL7 PROL7FF PROL8 PROL8FF</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>



July 10, 2025

E-MAIL RESPONSE

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

The Dow Chemical Company, CN600356976
Hydrocarbons, RN100225945
Title V Operating Permit Application Update for Hydrocarbons Plant, O2213
TCEQ Project Number: 37218

Dear Mr. McDonald,

The Dow Chemical Company is submitting an application update for the Hydrocarbons Title V Permit Renewal application that was received by TCEQ on September 30, 2024 (Project #37218).

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

Sincerely,

Crystal Schmidt

Crystal Schmidt
Air Permit Manager

enclosure

cc:

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

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

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

Date: July 10, 2025
Permit No.: 02213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.		Applicable Form		
1	MS-C	NO	BSRSR617 BSRSRD404 BSRSRF200 BSRSRF200 BSRSRF402 BSRSRF402 BSRSRFMNF BSRSRFMNF BSRSRFMW1 BSRSRFMW1 BSRSRFUBRK BSRSRFUDOW BSRSRFUSTV BSRSRGE14 BSRSRGE55A BSRSRH575 BSRSRH628 BSRSRHDHT	BSRSRHET1 BSRSRHET2 BSRSRLR615 BSRSROE1 BSRSRPLHC1 BSRSRPLHC2 BSRSRS401 BSRSRSC301 BSRSRSC01 BSRSRSP626 BSRSRST117 BSRSRST615 BSRSRST616 BSRSRSTLT1 BSRSRVSTV PROSDO PROSRNG	OP-SUMR	N/A	Please remove these units from the entire Title V Permit. They have all been transferred to Title V Permit O4673.
2	MS-C	NO	PROL7 PROL7FF PROL8 PROL8FF		OP-SUMR OP-PBR SUP	N/A	Please add PBRs 106.263/11/01/2001 and 106.492/09/04/2000 to the list of authorizations for the process units.

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

Date: July 10, 2025
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
3	MS-C	NO	N/A	OP-REQ1	N/A	Please add PBR 106.492/09/04/2000 to the list of authorizations for the permit area.

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

Date	Permit No.	Regulated Entity No.
July 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	BSRSR617	OP-UA3	TRIETHYLENE GLYCOL		22072	
D	1	BSRSRD404	OP-REQ2	D404 – LAST KNOCKOUT DRUM BEFORE FS 401 FLARE		22072	
D	1	BSRSRF200	OP-UA7	DW-6 DEHY FLARE		22072	
D	1	BSRSRF200	OP-UA15	VENTS ROUTED TO DW-6 DEHY FLARE		22072	
D	1	BSRSRF402	OP-UA7	BRINE FLARE NO. 2		22072	
D	1	BSRSRF402	OP-UA15	VENTS ROUTED TO BRINE FLARE 2		22072	
D	1	BSRSRFMNF	OP-UA7	STEVENS MAIN FLARE		22072	
D	1	BSRSRFMNF	OP-UA15	VENTS ROUTED TO STEVENS MAIN FLARE		22072	
D	1	BSRSRFMW1	OP-UA7	MONITOR WELL NO. 1 FLARE		22072	
D	1	BSRSRFMW1	OP-UA15	VENTS TO MONITORING WELL NO. 1 FLARE		22072	
D	1	BSRSRFUBRK	OP-UA12	STEVENS PROCESS FUGITIVE		22072 106.261/11/01/2003 [152182, 157214, 157724] 106.262/11/01/2003 [157214] 106.472/09/04/2000 [157214]	

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

Date	Permit No.	Regulated Entity No.
July 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	BSRSRFUDOW	OP-UA12	BROCK PROCESS FUGITIVE AREA		22072 106.261/11/01/2003-[152182]	
D	1	BSRSRFUSTV	OP-UA12	DOW PROCESS FUGITIVE AREA		22072 106.261/11/01/2003-[152182, 154273, 157724, 163128, 170207]	
D	1	BSRSRGE14	OP-UA2	C14 ENGINE EXHAUST		22072	
D	1	BSRSRGE55A	OP-UA2	GAS ENGINE EXHAUST		22072	
D	1	BSRSRH575	OP-UA5	DOWTHERM HEATER H 575		22072	
D	1	BSRSRH628	OP-UA5	DW 6 DEHY HEATER		22072	
D	1	BSRSRHDHT	OP-UA5	SALT DOME OPERATION DOWTHERM HEATER		22072	
D	1	BSRSRHET1	OP-UA5	NORTH ETHYLENE HEATER		22072	
D	1	BSRSRHET2	OP-UA5	SOUTH ETHYLENE HEATER		22072	
D	1	BSRSRLR615	OP-UA4	DW 6 HC LOADING RACK		22072	
D	1	BSRSROE1	OP-UA7 OP-UA15	MAINTENANCE EQUIPMENT CLEARING		22072	
D	1	BSRSRPLHC1	OP-UA3	LHC SURGE POND 1		22072	
D	1	BSRSRPLHC2	OP-UA3	LHC SURGE POND 2		22072	

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

Date	Permit No.	Regulated Entity No.
July 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	BSRSRS401	OP-UA14	S 401 SEPARATOR		22072	
D	1	BSRSRSC01	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	1	BSRSRSC301	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
D	1	BSRSRSP626	OP-UA14	WATER SEPARATOR		22072	
D	1	BSRSRST202	OP-REQ2	GASOLINE TANK		22072	
D	1	BSRSRST615	OP-UA3	DW 6 HC TANK		22072	
D	1	BSRSRST616	OP-UA3	DW 6 METHANOL TANK		22072	
D	1	BSRSRTL1	OP-UA4	MAINTENANCE TRUCK LOADING RACK		106.263/11/01/2001	
D	1	BSRSRVSTV	OP-UA3	T-5 (SS1) DBSA TANK AT STEVENS		22072 106.472/09/04/2000	
	2	PROL7	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #7		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	2	PROL7FF	OP-UA58	LIGHT HYDROCARBON 7		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274
	2	PROL8	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #8		20432 106.263/11/01/2001 106.492/09/04/2000	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
July 10, 2025	O2213	RN100225945

Unit/ Process AI	Unit/ Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	2	PROL8FF	OP-UA58	LIGHT HYDROCARBON 8		20432 <i>106.263/11/01/2001</i> <i>106.492/09/04/2000</i>	PSDTX994M2 N274
D	1	PROSDO	OP-UA57	PROCESS UNIT ID FOR SDO		22072	
D	1	PROSRNG	OP-REQ2	SDO NATURAL GAS DEHYDRATION UNIT		22072	

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

Date	Permit No.	Regulated Entity No.
July 10, 2025	O2213	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
20432	11/09/2023	144784	04/04/2023		
22072	05/07/2021	161913	01/05/2023		
83841	06/24/2020	166672	09/11/2023		
123731	10/04/2023				

- ◆ **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	106.475	03/14/1997		
106.262	11/01/2003	106.475	09/04/2000		
106.263	11/01/2001	106.478	09/04/2000		
106.371	09/04/2000	106.492	09/04/2000		
106.412	09/04/2000	106.511	09/04/2000		
106.452	09/04/2000	106.532	09/04/2000		
106.454	11/01/2001				
106.472	09/04/2000				
106.473	09/04/2000				

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

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

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

Date	Permit Number	Regulated Entity Number
July 10, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	152308	106.261 106.262	07/20/2018
B72L7FU1	154686	106.261 106.262	02/05/2019
B72L7FU1	156270	106.261 106.262	04/18/2019
B72L7FU1	157613	106.261 106.262	08/09/2019
B72L7FU1 B72L7F2	158547	106.261 106.262	10/29/2019
B72L7FU1	159113	106.261 106.262	11/18/2019
B72L7FU1	160358	106.261	03/10/2020
B72L7FU1	161923	106.261 106.262	08/27/2020
B72L7FU1	162615	106.261 106.262	10/06/2020
B72L7FU1	163041	106.261 106.262	11/02/2020
B72L7FU1	164116	106.261 106.262	03/09/2021
B72L7FU1	165274	106.261 106.262	06/11/2021

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 10, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	165805	106.262	07/20/2021
B72L7D81	166260	106.261 106.262	09/08/2021
B72L7FU1	167397	106.261 106.262	12/22/2021
B72L7FU1	169510	106.261	07/28/2022
OC6L8FU01 OC6L8FU11 OC6L8FU12	161951	106.261	08/06/2020
OC6L8FU01 OC6L8FU11 OC6L8FU12	162922	106.261 106.262	10/14/2020
OC6L8FU01 OC6L8FU11	163968	106.261 106.262	02/11/2021
OC6L8FU01	164734	106.261	05/05/2021
OC6L8FU01	165416	106.261 106.262	06/25/2021
OC6L8FU01	166753	106.261	11/10/2021
OC6L8FU01 OC6L8F1018	170264	106.261	09/30/2022

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 10, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU11 OCNTFFU3	157214	106.261 106.262 106.472	06/24/2019
B56FU01	149923	106.261 106.262	02/02/2018
B56FU01	150865	106.261 106.262	04/17/2018
B56FU01	152663	106.261 106.262	08/22/2018
B56FU01	158062	106.261	09/10/2019
B56FU01	159863	106.261 106.262	02/10/2020
B56FU01	161544	106.261 106.262	06/15/2020
B56FU01	163650	106.261 106.262	01/07/2021
OC6L8FU01	171949	106.261 106.262	03/14/2023
OC6L8FU01 OC6L8FU11	172813	106.261 106.262	06/06/2023
OC6L8FU01	173020	106.261 106.262	06/16/2023
OC6L8FU01	173885	106.261	08/25/2023

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 10, 2025	O2213	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU01	176418	106.261 106.262	07/01/2024
B72L7FU1	171224	106.261 106.262	12/19/2022
B72L7FU1	172555	106.261 106.262	05/02/2023
B72L7FU1	177229	106.261	08/27/2024

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 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date
B72L7CT1	106.371 106.472	09/04/2000
B72L7GE02	106.511	09/04/2000
OC6L8CT800	106.371 106.472	09/04/2000
<i>PROL7</i>		
<i>PROL7FF</i>	<i>106.263</i>	<i>11/01/2001</i>
<i>PROL8</i>	<i>106.492</i>	<i>09/04/2000</i>
<i>PROL8FF</i>		

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

Date	Permit Number	Regulated Entity Number
July 10, 2025	O2213	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
July 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	152308	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	154686	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	156270	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	157613	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1 B72L7F2	106.261 106.262	158547	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023). The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.
B72L7FU1	106.261 106.262	159113	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	160358	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).

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

Date	Permit Number	Regulated Entity Number
July 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	161923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	162615	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	163041	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	164116	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	165274	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.262	165805	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7D81	106.261 106.262	166260	Maintain records for tank throughput or use FS-2 (EPN B72F1) monitoring equipment requirements. The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.

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 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	167397	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	169510	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261	161951	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261 106.262	162922	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	163968	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	164734	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	165416	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	166753	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

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 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01 OC6L8F1018	106.261	170264	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024). Flare will continue to meet the monitoring and recordkeeping requirements of NSR 20432 SC 23 for minimum net heating value and exit velocity.
OC6L8FU11 OCNTFFU3	106.261 106.262 106.472	157214	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 20432 SC 19 (Permit Issue Date November 9, 2023). New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021). Maintain records of annual throughput.
B56FU01	106.261 106.262	149923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	150865	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	152663	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).

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 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B56FU01	106.261	158062	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	159863	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	161544	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	163650	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B72L7CT1	106.371 106.472	09/04/2000	Cooling Tower (EPN B72CT1) shall be monitored in accordance with the requirements dictated in NSR Permit 144784, Special Condition 13.
B72L7GE02	106.511	09/04/2000	Record operating time with a non-resettable runtime meter.
OC6L8CT800	106.371 106.472	09/04/2000	Cooling Tower (EPN OC6CT800) shall be monitored in accordance with NSR Permit 20432, Special Condition No. 27 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	171949	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	172813	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

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 10, 2025	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01	106.261 106.262	173020	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	173885	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	176418	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
B72L7FU1	106.261 106.262	171224	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	172555	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	177229	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
<i>PROL7 PROL7FF PROL8 PROL8FF</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>

From: eNotice TCEQ
Sent: Monday, October 7, 2024 9:29 AM
To: joan.huffman@senate.texas.gov; cody.vasut@house.texas.gov
Subject: TCEQ Notice - Permit Number O2213
Attachments: TCEQ Notice - O2213_37218.pdf

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

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

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 7, 2024

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

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37218
Permit Number: O2213
The Dow Chemical Company
Hydrocarbons
Freeport, Brazoria County
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976

Dear Senator Huffman:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.4075,28.990833&level=13>.

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

The Honorable Joan Huffman
Page 2
October 7, 2024

Re: Accepted Federal Operating Permit 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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 7, 2024

THE HONORABLE CODY VASUT
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37218
Permit Number: O2213
The Dow Chemical Company
Hydrocarbons
Freeport, Brazoria County
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976

Dear Representative Vasut:

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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



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Entered Office: 12-29-2008

Term Ends: 01-2025

District: 17

General Information

Profession: Attorney

Home Town: Houston

Birthdate: 08-17-1956

Spouse: Keith

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Personal Information

BA-Louisiana State University-1979; JD-South Texas School of Law-1984

S-2009-present.

Prior to election to the Texas Senate, Ms. Huffman served as Judge of the 183rd Criminal District Court in Harris County

Office Information

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Contact and Phone Numbers

Capitol Office:

1E.15

Capitol Phone: (512) 463-0117

Capitol Fax: (512) 463-0639

✉ joan.huffman@senate.texas.gov (mailto:joan.huffman@senate.texas.gov)

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Rep. Cody T. Vasut (R)

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

Entered Office: 01-12-2021
District: 25

General Information

Profession: Attorney
Home Town: Angleton
Birthdate: 08-13-1987
Spouse: Kate
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Personal Information

B.B.A., M.S.-Texas A&M University, Management, J.D.-University of Houston

H-2021 to present.

Cody is a 7th generation Texan and 5th generation lifelong resident of Brazoria County. He is a graduate of Angleton High School and graduated summa cum laude with a 4.0 GPA from Texas A&M University with a B.B.A. in Management. During his senior year at Texas A&M, Cody was elected to serve as Speaker of the Student Senate and was honored among the Who's Who of American Colleges and Universities. Cody went on to attain an M.S. in Management from Texas A&M University with a 4.0 GPA and graduated summa cum laude and valedictorian from the University of Houston Law Center with a Juris Doctorate.

Office Information

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Dist. 25 - Brazoria (44%), Matagorda

Sens. Huffman, Kolkhorst, Taylor

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Criminal Jurisprudence (</online/housecom/detail.php?id=263>); Juvenile Justice & Family Issues (</online/housecom/detail.php?id=487>); Resolutions Calendars (</online/housecom/detail.php?id=289>)

Contact and Phone Numbers

Capitol Office:

E2.702

Capitol Phone:

(512) 463-0564

Zip Codes Within the District (<https://fyi.capitol.texas.gov/fyiwebdocs/PDF/house/dist25/r9.pdf>)

District Map (<https://wrm.capitol.texas.gov/fyiwebdocs/PDF/house/dist25/m1.pdf>)

Cody.Vasut@house.texas.gov (<mailto:Cody.Vasut@house.texas.gov>)

P.O. Box 2910

Austin, TX 78768-2910



(512) 463-0564

Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Edward Jaax (/online/person/?id=67027&staff=9521)	
Legislative Director	Taylor Monroe (/online/person/?id=67061&staff=9533)	

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 search:

Freeport Library

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

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Technology Profile

	Product Name	Year Contracted
Current Automation System	Polaris	2009
Previous Automation System	Horizon	2002
Previous Automation System	Dynix	1995
Previous Automation System	None	

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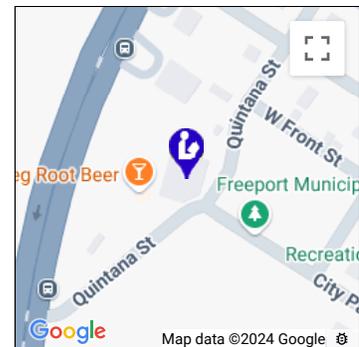
Identifiers

libraries.org ID	7192
NCES FSCSKEY	TX0024
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Record History: This listing was created on Dec 19, 2002 and was last modified on Mar 25, 2023.



Freeport Library



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From: Johnny Bowers
Sent: Tuesday, October 1, 2024 8:14 AM
To: Miguel Gallegos
Subject: FW: STEERS Title V Application Submittal (New Application)

Please process. Thanks!

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

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Monday, September 30, 2024 4:45 PM
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; karenc@brazoria-county.com; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by JOHN SAMPSON. The submittal was received at 09/30/2024 04:44 PM.

The Reference number for this submittal is 687535

The confirmation number for this submittal is 567354.

The Area ID for this submittal is 2213.

The Project ID for this submittal is 37218.

The hash code for this submittal is 6DCAB1F83792F96682CB1865B7518065B88CE30F21C6F71BB4F53FE7626C0054.

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.

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
B60L7FU1	63YY-01	EU				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
B72L7FU1	63YY-01	EU				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
BSRSRLR615	63EEEE-01	EP				Please add 40 CFR Part 63, Subpart EEEE (OLD MACT) Low-Level Applicability to this unit. Please see Form OP-REQ3 for detailed citations.
BSRSRST615	63EEEE-01	EP				Please add 40 CFR Part 63, Subpart EEEE (OLD MACT) Low-Level Applicability to this unit. Please see Form OP-REQ3 for detailed citations.
BSRSRST616	63EEEE-01	EP				Please add 40 CFR Part 63, Subpart EEEE (OLD MACT) Low-Level Applicability to this unit. Please see Form OP-REQ3 for detailed citations.
GRP1L8PF	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
GRP2L8PF	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
OC2L8GF500	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
OC6L8D97	63EEEE-01	EP				Please add 40 CFR Part 63, Subpart EEEE (OLD MACT) Low-Level Applicability to this unit. Please see Form OP-REQ3 for detailed citations.
OC6L8F1	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
OC6L8F1018	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
OC6L8FU01	63YY-01	EU				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit
OC6L8FU11	63YY-01	EU				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit
OC6L8ST01A	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
OC6L8ST01B	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
OC6L8ST901	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.
OC6L8SV1905	63YY-01	EP				Please add 40 CFR Part 63, Subpart YY General High-Level Applicability to this unit.

**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.
September 30, 2024	O2213	RN100225945

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
B72L7GE01	R7ICI-01				EMERG	DSL			
B72L7GE02	R7ICI-01				D2001+				
BSRSRGE14	R7ICI-01				ENG	NG	RICHBURN		
BSRSRGE55A	R7ICI-01				EMERG	NG			
OC6L8GE03	R7ICI-01				EMERG	NG			

Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 2)
Federal Operating Permit Program

Table 1b: 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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	NO _x Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO _x Averaging Method	NO _x Reduction	NO _x Monitoring System
BSRSRGE14	R7ICI-01	310D			NO	30D	NONE	MERT

**Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 3)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NHR ₃ R Emission Limitation	NHR ₃ R Monitoring
BSRSRGE14	R7ICI-01	X40A	310C	30D	OTHER		

**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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
B72L7GE01	63ZZZZ-01	MAJOR	300-500	02-		EMER-A	CI
B72L7GE02	63ZZZZ-01	MAJOR	100-	06+		EMER-A	
BSRSRGE14	63ZZZZ-01	MAJOR	500+	02-		NORMAL	4SRB
BSRSRGE55A	63ZZZZ-01	MAJOR	300-500	02-		EMER-A	4SRB
OC6L8GE03	63ZZZZ-01	MAJOR	300-500	02-		EMER-A	CI

**Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 5)
Federal Operating Permit Program**

**Table 2b: 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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement
BSRSRGE14	63ZZZZ-01			NO	CONC	

**Stationary Reciprocating Internal Combustion Engine Attributes – Form OP-UA2 (Page 6)
Federal Operating Permit Program**

**Table 2c: 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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System
BSRSRGE14	63ZZZZ-01	NO	NO	NSCR		CPMS

**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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
B72L7GE02	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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
B72L7GE02	60III-01	DIESEL		10-		2017+	

**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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
B72L7GE02	60III-01	E37-75		NO	YES	MANU YES		

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 2)
Federal Operating Permit Program

Table 2: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	True Vapor Pressure	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.
OC6L8ST901	60Ka-01	PTLQ-2	40K+	1.5-11.1	EFR-MT2		OTH1+	4+		

**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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
B72L7D18	R5112-01	NO		VOC1	A1K-25K			
B72L7D18A	R5112-01	NO		VOC1	A1K-25K			
B72L7D19	R5112-01	NO		VOC1	A25K-40K			
B72L7D450	R5112-01	NO		VOC1	A25K-40K			
B72L7D80	R5112-01	NO		VOC1	A1K-25K			
B72L7D81	R5112-01	NO		VOC1	A1K-25K			
BSRSR617	R5112-01	NO		VOC1	A1K-25K			
BSRSRPLHC1	R5112-01	NO		VOC1	A40K+			
BSRSRPLHC2	R5112-01	NO		VOC1	A40K+			
BSRSRST615	R5112-01	NO		VOC1	A1K-25K			
BSRSRST616	R5112-01	NO		VOC1	A1K-25K			
BSRSRVSTV	R5112-01	NO		VOC1	A1K-25K			
OC6L8D1540	R5112-01	NO		VOC1	A1K-25K			

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
OC6L8D91	R5112-01	NO		VOC1	A1K-25K			
OC6L8D97	R5112-01	YES	09/21/2022					
OC6L8D97	R5112-02	NO		VOC1	A1K-25K			
OC6L8ST01A	R5112-01	NO		VOC1	A40K+			
OC6L8ST01B	R5112-01	NO		VOC1	A40K+			
OC6L8ST505	R5112-01	NO		VOC1	A40K+			
OC6L8ST901	R5112-01	NO		VOC1	A40K+			
OC6L8ST916	R5112-01	YES	09/21/2022					
OC6L8V1005	R5112-01	NO		VOC1	A25K-40K			
OC6L8V1905	R5112-01	NO		VOC1	A40K+			

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
B72L7D18	R5112-01		NONE1	1-				
B72L7D18A	R5112-01		NONE1	1-				
B72L7D19	R5112-01		NONE1	1-				
B72L7D450	R5112-01		NONE1	1-				
B72L7D80	R5112-01		NONE1	1-				
B72L7D81	R5112-01		NONE1	1-				
BSRSR617	R5112-01		NONE1	1-				
BSRSRPLHC1	R5112-01		NONE1	1-				
BSRSRPLHC2	R5112-01		NONE1	1-				
BSRSRST615	R5112-01		SFP1	1.5+A				
BSRSRST616	R5112-01		SFP1	1.5+A				
BSRSRVSTV	R5112-01		NONE1	1-				
OC6L8D1540	R5112-01		NONE1	1-				

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
OC6L8D91	R5112-01		VRS1	1.5+A			DIRINC	OC6L8TO
OC6L8D97	R5112-02		VRS1	1.5+A			DIRINC	GRP1L8PF GRP2L8PF OC6L9H120-H129 (O3949)
OC6L8ST01A	R5112-01		WDEFR1	1.5+A	MSHOE	NCE		
OC6L8ST01B	R5112-01		WDEFR1	1.5+A	MSHOE	NCE		
OC6L8ST505	R5112-01		NONE1	1-				
OC6L8ST901	R5112-01		WDEFR1	1.5+A	MSHOE	NCE		
OC6L8V1005	R5112-01		NONE1	1-				
OC6L8V1905	R5112-01		WDEFR1	1.5+A	LQFM	NCE		

**Storage Tank/Vessel Attributes – Form OP-UA3 (Page 21)
Federal Operating Permit Program**

**Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)**

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.
B72L7D202	61FF-01	YES	NO				NO	
B72L7203B	61FF-01	YES	NO				NO	
B72L7204A	61FF-01	YES	NO				NO	
B72L7204B	61FF-01	YES	NO				NO	
B72L7204C	61FF-01	YES	NO				NO	
B72L7D27	61FF-01	YES	NO				NO	
B72L7D28	61FF-01	YES	NO				NO	
B72L7450	61FF-01	YES	NO				NO	
B72L7D452	61FF-01	YES	NO				NO	
B72L7D453	61FF-01	YES	NO				NO	
B72L7D530A	61FF-01	YES	NO				NO	
B72L7D6	61FF-01	YES	NO				NO	
B72L7D63	61FF-01	YES	NO				NO	

**Storage Tank/Vessel Attributes – Form OP-UA3 (Page 21)
Federal Operating Permit Program**

**Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)**

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.
B72L7D6A	61FF-01	YES	NO				NO	
B72L7D7	61FF-01	YES	NO				NO	
B72L7D77	61FF-01	YES	NO				NO	
B72L7S206	61FF-01	YES	NO				NO	
OC6FL066A	61FF-01	YES	NO				NO	
OC6FL066A	61FF-02	YES	NO				NO	
OC6FL066B	61FF-01	YES	NO				NO	
OC6FL066B	61FF-02	YES	NO				NO	
OC6FL166A	61FF-01	YES	NO				NO	
OC6FL166A	61FF-02	YES	NO				NO	
OC6FL166B	61FF-01	YES	NO				NO	
OC6FL166B	61FF-02	YES	NO				NO	
OC6L8D1015	61FF-01	YES	NO				NO	

**Storage Tank/Vessel Attributes – Form OP-UA3 (Page 21)
Federal Operating Permit Program**

**Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)**

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.
OC6L8D1015	61FF-02	YES	NO				NO	
OC6L8D1080	61FF-01	YES	NO				NO	
OC6L8D1080	61FF-02	YES	NO				NO	
OC6L8D1081	61FF-01	YES	NO				NO	
OC6L8D1081	61FF-02	YES	NO				NO	
OC6L8D1180	61FF-01	YES	NO				NO	
OC6L8D1180	61FF-02	YES	NO				NO	
OC6L8D230	61FF-01	YES	NO				NO	
OC6L8D906	61FF-01	YES	NO				NO	
OC6L8S068	61FF-01	YES	NO				NO	
OC6L8S068	61FF-02	YES	NO				NO	
OC6L8S168	61FF-01	YES	NO				NO	
OC6L8S168	61FF-02	YES	NO				NO	

**Storage Tank/Vessel Attributes – Form OP-UA3 (Page 21)
Federal Operating Permit Program**

**Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)**

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.
OC6L8V1020	61FF-01	YES	NO				NO	
OC6L8V1020	61FF-02	YES	NO				NO	
OC6L8V1905	61FF-01	YES	YES	EFR		MECHP		
OC6L8V280	61FF-01	YES	NO				NO	
OC6L8V280	61FF-02	YES	NO				NO	

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 22)
Federal Operating Permit Program

Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.
B72L7D202	61FF-01	CVS-CD	NO		NO	NO	
B72L7203B	61FF-01	CVS-CD	NO		NO	NO	
B72L7204A	61FF-01	CVS-CD	NO		NO	NO	
B72L7204B	61FF-01	CVS-CD	NO		NO	NO	
B72L7204C	61FF-01	CVS-CD	NO		NO	NO	
B72L7D27	61FF-01	CVS-CD	NO		NO	NO	
B72L7D28	61FF-01	CVS-CD	NO		NO	NO	
B72L7450	61FF-01	CVS-CD	NO		NO	NO	
B72L7D452	61FF-01	CVS-CD	NO		NO	NO	
B72L7D453	61FF-01	CVS-CD	NO		NO	NO	
B72L7D530A	61FF-01	CVS-CD	NO		NO	NO	
B72L7D6	61FF-01	CVS-CD	NO		NO	NO	
B72L7D63	61FF-01	CVS-CD	NO		NO	NO	

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 22)
Federal Operating Permit Program

Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.
B72L7D6A	61FF-01	CVS-CD	NO		NO	NO	
B72L7D7	61FF-01	CVS-CD	NO		NO	NO	
B72L7D77	61FF-01	CVS-CD	NO		NO	NO	
B72L7S206	61FF-01	CVS-CD	NO		NO	NO	
OC6FL066A	61FF-01	CVS-CD	NO		NO	NO	
OC6FL066A	61FF-02	CVS-CD	NO		NO	NO	
OC6FL066B	61FF-01	CVS-CD	NO		NO	NO	
OC6FL066B	61FF-02	CVS-CD	NO		NO	NO	
OC6FL166A	61FF-01	CVS-CD	NO		NO	NO	
OC6FL166A	61FF-02	CVS-CD	NO		NO	NO	
OC6FL166B	61FF-01	CVS-CD	NO		NO	NO	
OC6FL166B	61FF-02	CVS-CD	NO		NO	NO	
OC6L8D1015	61FF-01	CVS-CD	NO		NO	NO	

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 22)
Federal Operating Permit Program

Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.
OC6L8D1015	61FF-02	CVS-CD	NO		NO	NO	
OC6L8D1080	61FF-01	CVS-CD	NO		NO	NO	
OC6L8D1080	61FF-02	CVS-CD	NO		NO	NO	
OC6L8D1081	61FF-01	CVS-CD	NO		NO	NO	
OC6L8D1081	61FF-02	CVS-CD	NO		NO	NO	
OC6L8D1180	61FF-01	CVS-CD	NO		NO	NO	
OC6L8D1180	61FF-02	CVS-CD	NO		NO	NO	
OC6L8D230	61FF-01	CVS-CD	NO		NO	NO	
OC6L8D906	61FF-01	CVS-CD	NO		NO	NO	
OC6L8S068	61FF-01	CVS-CD	NO		NO	NO	
OC6L8S068	61FF-02	CVS-CD	NO		NO	NO	
OC6L8S168	61FF-01	CVS-CD	NO		NO	NO	
OC6L8S168	61FF-02	CVS-CD	NO		NO	NO	

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 22)
Federal Operating Permit Program

Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.
OC6L8V1020	61FF-01	T-ENCL	NO		NO	NO	
OC6L8V1020	61FF-02	T-ENCL	NO		NO	NO	
OC6L8V280	61FF-01	CVS-CD	NO		NO	NO	
OC6L8V280	61FF-02	CVS-CD	NO		NO	NO	

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 23)
Federal Operating Permit Program

Table 12c: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
B72L7D202	61FF-01	YES	YES	OTHER				
B72L7203B	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7204A	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7204B	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7204C	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7D27	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7D28	61FF-01	YES	YES	OTHER				
B72L7450	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7D452	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7D453	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7D530A	61FF-01	YES	YES	OTHER				
B72L7D6	61FF-01	YES	YES	FLARE	B72L7F2			
B72L7D63	61FF-01	YES	YES	OTHER				

**Storage Tank/Vessel Attributes – Form OP-UA3 (Page 23)
Federal Operating Permit Program**

**Table 12c: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)**

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
B72L7D6A	61FF-01	YES	YES	FLARE	B60L7F1			
B72L7D7	61FF-01	YES	YES	FLARE	B60L7F1			
B72L7D77	61FF-01	YES	YES	FLARE	B60L7F1			
B72L7S206	61FF-01	YES	YES	OTHER				
OC6FL066A	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6FL066A	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6FL066B	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6FL066B	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6FL166A	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6FL166A	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6FL166B	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6FL166B	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D1015	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 23)
Federal Operating Permit Program

Table 12c: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
OC6L8D1015	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D1080	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8D1080	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D1081	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8D1081	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D1180	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8D1180	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D230	61FF-01	YES	YES	FLARE	OC6L8F902			
OC6L8D906	61FF-01	YES	YES	FLARE	OC6L8F902			
OC6L8S068	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8S068	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8S168	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8S168	61FF-02	YES	YES	FLARE	OC6L8F1018			

Storage Tank/Vessel Attributes – Form OP-UA3 (Page 23)
Federal Operating Permit Program

Table 12c: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
OC6L8V1020	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8V1020	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8V280	61FF-01	YES	YES	THERM95	OC6L8TO	YES	NO	
OC6L8V280	61FF-02	YES	YES	FLARE	OC6L8F1018			

**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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
B72L7LR1	R5211-01	OTHER	NONE	213B	VOC1	UNLOAD	0.5-11S	NCE2	
B72L7LR1	R5211-02	OTHER	NONE	NONE	VOC1	UNLOAD	0.5-		
BSRSRLR615	R5211-01	OTHER	NONE	213B	VOC1	LOAD	0.5-11S	NCE2	CON
BSRSRTL1	R5211-01	OTHER	NONE	213B	VOC1	LOAD	0.5-11S	NCE2	CON
BSRSRTL1	R5211-02	OTHER	NONE	NONE	VOC1	LOAD	0.5-		
OC6L8LR1	R5211-01	OTHER	NONE	213B	VOC1	UNLOAD	0.5-11S	NCE2	
OC6L8LR1	R5211-02	OTHER	NONE	NONE	VOC1	UNLOAD	0.5-		

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Chapter 115 Control Device Type	Chapter 115 Control Device ID No.	Vapor-Tight	Vapor Space Holding Tank	Marine Terminal Exemptions	VOC Flash Point	Uncontrolled VOC Emissions
B72L7LR1	R5211-01	NONE		NO				
BSRSRLR615	R5211-01	NONE		NO				
BSRSRTL1	R5211-01	NONE		NO				
OC6L8LR1	R5211-01	NONE		NO				

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)			Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
BSRSRH575	R7ICI-01	PRHTR	2-40			NG				310D		
BSRSRHDHT	R7ICI-01	PRHTR	2-40			NG				310D		
BSRSRHET1	R7ICI-01	PRHTR	2-40			NG				310D		
BSRSRHET2	R7ICI-01	PRHTR	2-40			NG				310D		
GRP1L8PF	R7ICI-01	PYRO	200+			NG	GS		22+	310D		
GRP2L8PF	R7ICI-01	PYRO	200+			NG	GS		22+	310D		
GRPL7PF	R7ICI-01	PYRO	200+			NG	GS		22+	310D		

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NOx Emission Limit Basis	NOx Reduction	Common Stack Combined	Fuel Type Heat Input	NOx Monitoring System
BSRSRH575	R7ICI-01	NO		OTHER	NONE			MERT
BSRSRHDHT	R7ICI-01	NO		OTHER	NONE			MERT
BSRSRHET1	R7ICI-01	NO		OTHER	NONE			MERT
BSRSRHET2	R7ICI-01	NO		OTHER	NONE			MERT
GRP1L8PF	R7ICI-01	NO		OTHER	NONE			CEMS
GRP2L8PF	R7ICI-01	NO		OTHER	NONE			CEMS
GRPL7PF	R7ICI-01	NO		OTHER	NONE			CEMS

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

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
BSRSRH575	R7ICI-01	X40A	310C	OTHER		
BSRSRHDHT	R7ICI-01	X40A	310C	OTHER		
BSRSRHET1	R7ICI-01	X40A	310C	OTHER		
BSRSRHET2	R7ICI-01	X40A	310C	OTHER		
GRP1L8PF	R7ICI-01	X40A	310C	CEMS		
GRP2L8PF	R7ICI-01	X40A	310C	CEMS		
GRPL7PF	R7ICI-01	X40A	310C	CEMS		

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

**Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Process Heaters**

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
BSRSRH575	63DDDDDD-01	NEW	T3.2G1		
BSRSRH628	63DDDDDD-01	EXIST	T3.1G1		
BSRSRHDHT	63DDDDDD-01	EXIST	T3.1G1		
BSRSRHET1	63DDDDDD-01	EXIST	T3.3G1		
BSRSRHET2	63DDDDDD-01	EXIST	T3.3G1		

**Flare Attributes – Form OP-UA7 (Page 1)
Federal Operating Permit Program**

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
B60L7F1	R1111-01	NO	NO			
B72L7F2	R1111-01	NO	NO			
BSRSRF200	R1111-01	NO	NO			
BSRSRF402	R1111-01	NO	NO			
BSRSRFMNF	R1111-01	NO	NO			
BSRSRFMW1	R1111-01	NO	NO			
BSRSROE1	R1111-01	NO	NO			
OC2L8GF500	R1111-01	NO	NO			
OC6L8F1	R1111-01	NO	NO			
OC6L8F1018	R1111-01	NO	NO			
OC6L8F902	R1111-01	NO	NO			

**Flare Attributes – Form OP-UA7 (Page 3)
Federal Operating Permit Program**

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Subject to 40 CFR §60.18	Adhering to Heat Content Specifications	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
B60L7F1	60A-01	YES	YES	STEAM	60-	
B72L7F2	60A-01	YES	YES	STEAM	60-	
BSRSRF402	60A-01	YES	YES	AIR		
OC2L8GF500	60A-01	YES	YES	STEAM	60-	
OC6L8F1	60A-01	YES	YES	STEAM	60-	
OC6L8F1018	60A-01	YES	YES	STEAM	60-	
OC6L8F902	60A-01	YES	YES	AIR		

**Flare Attributes – Form OP-UA7 (Page 4)
Federal Operating Permit Program**

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
OC2L8GF500	63A-01	YES	YES	STEAM	60-	
OC6L8F1	63A-01	YES	YES	STEAM	60-	
OC6L8F1018	63A-01	YES	YES	STEAM	60-	

Flare Attributes – Form OP-UA7 (Page 5)
Federal Operating Permit Program

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Out of Service	Total Gas Stream	Gas Stream Concentration	Exempt Date	Alternative Monitoring Approach	Modifications to Testing/Monitoring	Modifications to Testing/Monitoring ID No.	Flare Type
B60L7F1	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
B72L7F2	R5720-01	NO	YES	NO	NO				
BSRSRF402	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
BSRSRFMNF	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
BSRSRFMW1	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
BSRSROE1	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
OC2L8GF500	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
OC6L8F1	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
OC6L8F1018	R5720-01	NO	YES	YES		OTHER	NONE		OTHER
OC6L8F902	R5720-01	NO	NO	NO	NO				

Flare Attributes – Form OP-UA7 (Page 6)
Federal Operating Permit Program

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Monitoring Requirements	§115.725(e) Requirements	Multi-Purpose Usage	Flow Rate	Physical Seal	Monitoring Option	§115.725(h)(4) Alternative	Tank Service
B60L7F1	R5720-01							NO	NO
B72L7F2	R5720-01							NO	NO
BSRSRF402	R5720-01							NO	NO
BSRSRFMNF	R5720-01							NO	NO
BSRSRFMW1	R5720-01							NO	NO
BSRSROE1	R5720-01							NO	NO
OC2L8GF500	R5720-01							NO	NO
OC6L8F1	R5720-01							NO	NO
OC6L8F1018	R5720-01							NO	NO
OC6L8F902	R5720-01							NO	NO

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

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
B56L7FU01	R5352-ALL				
B72L7FU1	R5352-ALL				
OC6L8FU01	R5352-ALL				
OC6L8FU11	R5352-ALL				

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

**Table 3a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Vacuum Service	VHAP Service	Pumps	AMEL	AMEL ID No.	Complying with § 61.242-2
B56L7FU01	61V-ALL						
BSRSRFUBRK	61V-ALL						

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

**Table 3a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Design Capacity	Any Component in Benzene Service	AMEL	AMEL ID No.
BSRSRFUBRK	61J-ALL				

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

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID. No.	SOP/GOP Index No.	Title 30 TAC § 115.780 Applicable	Less Than 250 Components at Site	Weight Percent HRVOC	Title 30 TAC Chapter 115 Fugitive Unit Components		
					Pumps with Shaft Seal System	Compressors with Shaft Seal System	Agitators with Shaft Seal System
B56L7FU01	R5780-ALL						
B72L7FU1	R5780-ALL						
BSRSRFUBRK	R5780-01	YES	NO				
BSRSRFUDOW	R5780-01	YES	NO				
BSRSRFUSTV	R5780-01	YES	NO				
OC6L8FU01	R5780-ALL						

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 139)
Federal Operating Permit Program

Table 16b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Process Drains	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pressure Relief Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)
BSRSRFUBRK	R5780-01	NO	NO		NO	YES	NO		NO
BSRSRFUDOW	R5780-01	NO	NO		NO	YES	NO		NO
BSRSRFUSTV	R5780-01	NO	NO		NO	YES	NO		NO

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 140)
Federal Operating Permit Program

Table 16c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Bypass Line Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)
BSRSRFUBRK	R5780-01	YES	NO		NO	NO	NO		NO
BSRSRFUDOW	R5780-01	YES	NO		NO	NO	NO		NO
BSRSRFUSTV	R5780-01	YES	NO		NO	NO	NO		NO

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 141)
Federal Operating Permit Program

Table 16d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Valves (other than pressure relief, open-ended, and bypass line)	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Flanges or Other Connectors	ACR	ACR ID No.	Complying with § 115.781(b)(9)
BSRSRFUBRK	R5780-01	YES	NO		NO	YES	NO		NO
BSRSRFUDOW	R5780-01	YES	NO		NO	YES	NO		NO
BSRSRFUSTV	R5780-01	YES	NO		NO	YES	NO		NO

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 142)
Federal Operating Permit Program

Table 16e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pump Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)
BSRSRFUBRK	R5780-01	YES	NO		NO	YES	NO		NO
BSRSRFUDOW	R5780-01	YES	NO		NO	YES	NO		NO
BSRSRFUSTV	R5780-01	YES	NO		NO	YES	NO		NO

**Fugitive Emission Unit Attributes – Form OP-UA12 (Page 143)
Federal Operating Permit Program**

**Table 16f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Agitators	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Heat Exchanger Heads, Sight Glasses, Meters, Gauges, Sampling Connections, Bolted Manways, Hatches, Sump Covers, Junction Box Vents, or Covers and Seals on VOC Water Separators	ACR	ACR ID No.	Complying with § 115.781(b)(9)
BSRSRFUBRK	R5780-01	NO	NO		NO	YES	NO		YES
BSRSRFUDOW	R5780-01	NO	NO		NO	YES	NO		YES
BSRSRFUSTV	R5780-01	NO	NO		NO	YES	NO		YES

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 144)
Federal Operating Permit Program

Table 16g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description
BSRSRFUBRK	R5780-01	NO	Storage and Pipeline Area Fugitives
BSRSRFUDOW	R5780-01	NO	Storage and Pipeline Area Fugitives
BSRSRFUSTV	R5780-01	NO	Storage and Pipeline Area Fugitives

**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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
B72L7CT1	R5760-01	NONE	NO	NO	
B72L7CT1	R5760-02	NONE	NO	NO	
OC6L8CT800	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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Jacketed Reactor	Design Capacity	Finite Volume System	Flow Monitoring/ Testing Method	Total Strippable VOC	On-Line Monitor
B72L7CT1	R5760-01	NO	8000+	NO	INLET	NO	YES
B72L7CT1	R5760-02	NO	8000+	NO	TDH	NO	YES
OC6L8CT800	R5760-01	NO	8000+	NO	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.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement (ACR)	ACR ID No.	Exemption	Emission Control Option	Control Device	Control Device ID No.
B72L7D18C	R5131-01	NO		ATVP			
B72L7D2	R5131-01	NO		NONE	ENCL		
B72L7D4	R5131-01	NO		NONE	ENCL		
B72L7D511	R5131-01	NO		NONE	ENCL		
B72L7SP203	R5131-01	NO		NONE	ENCL		
BSRSRS401	R5131-01	NO		NONE	VAP	OTHER	???
BSRSRSP626	R5131-01	NO		NONE	VAP	OTHER	???
OC6L8D069	R5131-01	NO		NONE	ENCL		
OC6L8D27	R5131-01	NO		NONE	ENCL		
OC6L8D301	R5131-01	NO		NONE	ENCL		
OC6L8D433	R5131-01	NO		NONE	ENCL		

**Water Separator Attributes – Form OP-UA14 (Page 11)
Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Alternate Means of Compliance	AMOC ID No.	Alternative Standards for Oil-Water Separator	Floating Roof	Floating Roof Portion Feasibility	Fuel Gas System	Cover and Closed Vent	Closed Vent System and Control Device AMOC	CVS/CD AMOC ID No.
OC6L8D069	61FF-01	NO		NO			NO	NO	NO	
OC6L8D069	61FF-02	NO		NO			NO	NO	NO	
OC6L8D1181	61FF-01	NO		NO			NO	NO	NO	
OC6L8D1181	61FF-02	NO		NO			NO	NO	NO	
OC6L8D169	61FF-01	NO		NO			NO	NO	NO	
OC6L8D169	61FF-02	NO		NO			NO	NO	NO	
OC6L8T070	61FF-01	NO		NO			NO	NO	NO	
OC6L8T070	61FF-02	NO		NO			NO	NO	NO	
OC6L8T170	61FF-01	NO		NO			NO	NO	NO	
OC6L8T170	61FF-02	NO		NO			NO	NO	NO	

**Water Separator Attributes – Form OP-UA14 (Page 12)
Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	By-pass Line	By-pass Line Valve	Control Device Type/ Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
OC6L8D069	61FF-01	YES	YES	THERM95	OC6L8TO	NO	NO	
OC6L8D069	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D1181	61FF-01	YES	YES	THERM95	OC6L8TO	NO	NO	
OC6L8D1181	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8D169	61FF-01	YES	YES	THERM95	OC6L8TO	NO	NO	
OC6L8D1699	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8T070	61FF-01	YES	YES	THERM95	OC6L8TO	NO	NO	
OC6L8T070	61FF-02	YES	YES	FLARE	OC6L8F1018			
OC6L8T170	61FF-01	YES	YES	THERM95	OC6L8TO	NO	NO	
OC6L8T170	61FF-02	YES	YES	FLARE	OC6L8F1018			

**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.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
B72L7D103	R5121-01	NO	NO	REGVAPPL				
B72L7DF1	R5121-01	NO	NO	REGVAPPL				
B72L7DF2	R5121-01	NO	NO	REGVAPPL				
BSRSRF200	R5121-01	NO	NO	REGVAPPL				
BSRSRF402	R5121-01	NO	NO	REGVAPPL				
BSRSRFMNF	R5121-01	NO	NO	REGVAPPL				
BSRSRFMW1	R5121-01	NO	NO	REGVAPPL		100-		YES
BSRSROE1	R5121-01	NO	NO	REGVAPPL				
GRP1L8PF	R5121-01	NO	NO	DISTOPER				
GRP2L8PF	R5121-01	NO	NO	DISTOPER				
GRPL7PF	R5121-01	NO	NO	DISTOPER				
OC6L8RX1	R5121-01	NO	NO	DISTOPER				
OC6L8RX1	R5121-02	NO	NO	DISTOPER				
OC6L8RX2	R5121-01	NO	NO	DISTOPER				
OC6L8RX2	R5121-02	NO	NO	DISTOPER				

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.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
OC6L8RX3	R5121-01	NO	NO	DISTOPER				
OC6L8RX4	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.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
B72L7D103	R5121-01	NONE		FLARE	B72L7F2
B72L7DF1	R5121-01	NONE		FLARE	B60L7F1
B72L7DF2	R5121-01	NONE		FLARE	B60L7F1
BSRSRF200	R5121-01	NONE		FLARE	BSRSRF200
BSRSRF402	R5121-01	NONE		FLARE	BSRSRF402
BSRSRFMNF	R5121-01	NONE		FLARE	BSRSRFMNF
BSRSROE1	R5121-01	NONE		FLARE	BSRSROE1
GRP1L8PF	R5121-01	NONE		DIRFLM	GRP1L8PF
GRP2L8PF	R5121-01	NONE		DIRFLM	GRP2L8PF
GRPL7PF	R5121-01	NONE		DIRFLM	GRPL7PF
OC6L8RX1	R5121-01	ALTED	09/21/2022	FLARE	OC2L8GF500 OC6L8F1
OC6L8RX1	R5121-02	NONE		DIRFLM	GRP1L8PF GRP2L8PF OC6L9H120-H129 (O3949)
OC6L8RX2	R5121-01	ALTED	09/21/2022	DIRFLM	OC6L8TO
OC6L8RX2	R5121-02	ALTED	09/21/2022	FLARE	OC6L8F1018

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.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
OC6L8RX3	R5121-01	ALTED	09/21/2022	FLARE	OC6L8F902
OC6L8RX4	R5121-01	ALTED	09/21/2022	FLARE	OC6L8F1018

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

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	Total Design Capacity	Flow Rate/Concentration	40 CFR Part 60, Subpart NNN Requirements	40 CFR Part 60, Subpart RRR Requirements
GRP1L8PF	R5121-01	1100+	500+	NO	NO
GRP2L8PF	R5121-01	1100+	500+	NO	NO
GRPL7PF	R5121-01	1100+	500+	NO	NO
OC6L8RX1	R5121-01	1100+	500+	NO	NO
OC6L8RX1	R5121-02	1100+	500+	NO	NO
OC6L8RX2	R5121-01	1100+	500+	NO	NO
OC6L8RX2	R5121-02	1100+	500+	NO	NO
OC6L8RX3	R5121-01	1100+	500+	NO	NO

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

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
GRP1L8PF	R5720-01	NO	NO		OTHCD
GRP2L8PF	R5720-01	NO	NO		OTHCD
GRPL7PF	R5720-01	NO	NO		OTHCD

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

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

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	AM	AM ID No.	Minor Modification	Minor Modification ID No.	Process Knowledge	Waived Testing	Testing Requirements
GRP1L8PF	R5720-01	NO		NO		YES	NO	725A
GRP2L8PF	R5720-01	NO		NO		YES	NO	725A
GRPL7PF	R5720-01	NO		NO		YES	YES	725A

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

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

Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing – Continuous Process Vents

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
B60L7F1	63FFFF-01	BLWFLR					

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

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

Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing – Continuous Process Vents

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
B60L7F1	63FFFF-01	YES	NO	NO	NO	NO		NO	CARSEAL

**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: Solvent Using Processes**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

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
B72L7SC02	R5412-01	COLD	NO		NO	0.6-	YES	NO	16+	YES		
BSRSRSC01	R5412-01	COLD	NO		YES	0.6-	NO	NO	16+	NO		
BSRSRSC301	R5412-01	COLD	NO		YES	0.6-	NO	NO	16+	NO		

**Wastewater Unit Attributes – Form OP-UA19 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Industrial Wastewater**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Petroleum Refinery	Alternate Control Requirement	ACR ID No.	90% Overall Control Option	Safety Hazard Exemption	Safety Hazard Exemption ID No.
OC6L8D1181	R5140-01	NO	NO		NO	NO	
OC6L8D1181	R5140-02	NO	NO		NO	NO	
OC6L8D169	R5140-01	NO	NO		NO	NO	
OC6L8D169	R5140-02	NO	NO		NO	NO	
OC6L8D280	R5140-01	NO	NO		NO	NO	
OC6L8D280	R5140-02	NO	NO		NO	NO	

**Wastewater Unit Attributes – Form OP-UA19 (Page 2)
Federal Operating Permit Program**

**Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Industrial Wastewater**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Wastewater Component Type	Roof or Seal Type	Control Devices	Control Device ID No.	Monitoring Type
OC6L8D1181	R5140-01	OTHER	NONE	ENCLNC	OC6L8TO	NO
OC6L8D1181	R5140-02	OTHER	NONE	FLARE	OC6L8F1018	NO
OC6L8D169	R5140-01	OTHER	NONE	ENCLNC	OC6L8TO	NO
OC6L8D169	R5140-02	OTHER	NONE	FLARE	OC6L8F1018	NO
OC6L8D280	R5140-01	OTHER	NONE	ENCLNC	OC6L8TO	NO
OC6L8D280	R5140-02	OTHER	NONE	FLARE	OC6L8F1018	NO

**Reactor Attributes – Form OP-UA48 (Page 3)
Federal Operating Permit Program**

**Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart RRR: Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Chemicals Listed in 60.707	Construction/Modification Date	Affected Facility Type	Subject to Title 40 CFR Part 60, Subpart DDD	Subject to Title 40 CFR Part 60, Subpart NNN	TRE Index Value	TRE for Halogenated Vent Stream
GRPL7PF	60RRR-01	YES	90+	2COMBO	NO	NO	8-	NO
GRPL7PF	60RRR-02	YES	90+	2COMBO	NO	NO	8-	NO
GRPL7PF	60RRR-03	YES	90+	2COMBO	NO	NO	8-	NO
GRPL7PF	60RRR-04	YES	90+	2COMBO	NO	NO	8-	NO
GRPL7PF	60RRR-05	YES	90+	2COMBO	NO	NO	8-	NO
OC6L8R44A	60RRR-01	YES	90+	2COMBO	NO	YES		
OC6L8R44B	60RRR-01	YES	90+	2COMBO	NO	YES		

**Reactor Attributes – Form OP-UA48 (Page 4)
Federal Operating Permit Program**

**Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart RRR: Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Total Design Capacity	Vent Stream Flow Rate	TOC Exemption	Control Device	Control Device ID No.
GRPL7PF	60RRR-01	1+	11+	NOEX	B44+	B56P9SB1
GRPL7PF	60RRR-02	1+	11+	NOEX	B44+	B56P9SB2
GRPL7PF	60RRR-03	1+	11+	NOEX	B44+	B56P9SB3
GRPL7PF	60RRR-04	1+	11+	NOEX	B44+	B56P9SB4
GRPL7PF	60RRR-05	1+	11+	NOEX	B44+	B56P9GT96

**Reactor Attributes – Form OP-UA48 (Page 5)
Federal Operating Permit Program**

**Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart RRR: Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes**

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit ID No.	SOP Index No.	Secondary Fuel	Bypass Line	Bypass Line Valve Secured	Recovery Device	Recovery Device ID No.	Organic Monitoring Device
GRPL7PF	60RRR-01		YES	NO			
GRPL7PF	60RRR-02		YES	NO			
GRPL7PF	60RRR-03		YES	NO			
GRPL7PF	60RRR-04		YES	NO			
GRPL7PF	60RRR-05		YES	NO			

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.
September 30, 2024	O2213	RN100225945

Process ID No.	SOP Index No.	Exemptions	Alternate Control Requirement	ACR ID No.	Compliance Demonstration	Minor Modification	Minor Modification ID No.	Vapor Recovery	Emission Control
PROSDO	R5460-01	NONE	NONE		VOC	NO			
PROSDO	R5460-02	NONE	NONE		VAP	NO			

Treatment Process Attributes – Form OP-UA58 (Page 2)
Federal Operating Permit Program

Table 2a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FFFF: National Emission Standard for Benzene Waste Operations (Treatment Processes)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Process ID No.	SOP Index No.	AMOC	AMOC ID No.	Complying With § 61.342(e)	Stream Combination	Benzene Removal	Process or Stream Exemption	Treatment Process Engineering Calculations
PROL7FF	61FF-01	NO		NO	NO	99+	NO	NO
PROL8FF	61FF-01	NO		NO	NO	99+	NO	NO

Treatment Process Attributes – Form OP-UA58 (Page 3)
Federal Operating Permit Program

Table 2b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FFFF: National Emission Standard for Benzene Waste Operations (Treatment Processes)

Date	Permit No.:	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Process ID No.	SOP Index No.	Continuous Monitoring	Treatment Stream Unit Exemption	Openings	Fuel Gas System	Less Than Atmospheric	Closed-Vent System And Control Device	AMOC	AMOC ID No.
PROL7FF	61FF-01			YES	NO	NO	NO		
PROL8FF	61FF-01			YES	NO	NO	NO		

Federal Operating Permit Program
Form OP-SUMR – Individual Unit Summary for Revisions
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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
		B56L7FU01	OP-UA12	SITE PIPELINE FUGITIVE AREA		83841 106.261/11/01/2003 [149923, 150865, 152663, 158062, 159863, 161544, 163650] 106.262/11/01/2003 [149923, 150865, 152663, 159863, 161544, 163650]	
		B60L7F1	OP-UA7 OP-UA15	FLARE FS-1		144784	PSDTX994M1
		B60L7FU1	OP-UA1	FUGITIVES AREA B-6000		144784	PSDTX994M1
		B72L7CT1	OP-UA13	COOLING TOWER CT-1		144784 106.371/09/04/2000	PSDTX994M1
		B72L7D103	OP-UA15	D-103 SMALL FLARE K.O. POT		144784	PSDTX994M1
		B72L7D108	OP-REQ2	D-108 SLOP OIL DRUM		144784	PSDTX994M1
		B72L7D18	OP-UA3	D-18 WASTEWATER STORAGE DRUM		144784	PSDTX994M1
		B72L7D18A	OP-UA3	D-218A OILY WATER SURGE DRUM (LUBE OIL AND WATER)		144784	PSDTX994M1
		B72L7D18C	OP-UA14	D-218C CONE DRUM (SLOP OIL STORAGE)		144784	PSDTX994M1
		B72L7D19	OP-UA3	D-19 WASTEWATER STORAGE DRUM		144784	PSDTX994M1

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Individual Unit Summary for Revisions
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		B72L7D2	OP-UA14	D-2 QUENCH WATER OIL/WATER SEPARATOR		144784	PSDTX994M1
		B72L7D202	OP-UA3	D-202 SPENT CAUSTIC DEGASSER DRUM		144784	PSDTX994M1
		B72L7D203B	OP-UA3	D-203B OIL OVERLFLOW DRUM		144784	PSDTX994M1
		B72L7D204A	OP-UA3	D-204A SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204B	OP-UA3	D-204B SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D204C	OP-UA3	D-204C SPENT CAUSTIC COALESCER (SAND FILTER)		144784	PSDTX994M1
		B72L7D27	OP-UA3	D27, T-28 FEED SURGE DRUM		144784	PSDTX994M1
		B72L7D28	OP-UA3	D-28, T-28 O.H. FUEL GAS K.O. DRUM		144784	PSDTX994M1
		B72L7D4	OP-UA14	D-4 OIL/WATER SEPARATOR		161913	
		B72L7D450	OP-UA3	D-450 PROCESS WATER TO WWT PLANT (STORAGE DRUM)		144784	PSDTX994M1
		B72L7D452	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF D-100		144784	PSDTX994M1
		B72L7D453	OP-UA3	MISC. OIL RECOVERY DRUM NORTH OF C-10		144784	PSDTX994M1
		B72L7D511	OP-UA14	D-511 OIL WATER SEPARATOR		144784	PSDTX994M1

TCEQ-10344 (APDG 5767v7, revised 05/20) OP-SUMR
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		B72L7D530A	OP-UA3	C4+ PRODUCT TANK DEWATERING DRUM		144784	PSDTX994M1
		B72L7D6	OP-UA3	D-6 FLARE DRUM		144784	PSDTX994M1
		B72L7D63	OP-UA3	GREEN OIL KNOCKOUT DRUM		144784	PSDTX994M1
		B72L7D6A	OP-UA3	D-6A, D-6 BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D7	OP-UA3	D-7 FLARE BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D77	OP-UA3	D-77 OILY WATER BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7D80	OP-UA3	D-80 WASH OIL DRUM		144784	PSDTX994M1
		B72L7D81	OP-UA3	D-81 WASH OIL RETURN DRUM		144784 106.261/11/01/2003 [166260] 106.262/11/01/2003 [166260]	PSDTX994M1
		B72L7DF1	OP-UA15	DF-1 FLARE K.O. DRUM		144784	PSDTX994M1
		B72L7DF1A	OP-REQ2	DF-1A FLARE BLOWDOWN DRUM		144784	PSDTX994M1
		B72L7DF2	OP-UA15	DF-2 FLARE K.O. DRUM		144784	PSDTX994M1
		B72L7DF2B	OP-REQ2	FLARE DRUM BLOWDOWN COLLECTION DRUM		144784	PSDTX994M1

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		B72L7F2	OP-UA7	FS-2 FLARE-SMALL/TANK FARM FLARE		123731 144784 106.261/11/01/2003 [158547] 106.262/11/01/2003 [158547]	PSDTX994M1
	2	B72L7FU1	OP-UA1 OP-UA12	B-7200 FUGITIVE AREA		144784 106.261/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 160358, 161923, 162615, 163041, 164116, 165274, 167397, 169510, 171224, 172555, 177229] 106.262/11/01/2003 [152308, 154686, 156270, 157613, 158547, 159113, 161923, 162615, 163041, 164116, 165274, 167397, 165805, 171224, 172555]	PSDTX994M1
		B72L7GE01	OP-UA2	EMERGENCY DIESEL GENERATOR		144784	PSDTX994M1
		B72L7GE02	OP-UA2	EMERGENCY DIESEL GENERATOR		106.511/09/04/2000	
		B72L7HH1	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-1		144784	PSDTX994M1
		B72L7HH2	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-2		144784	PSDTX994M1

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		B72L7HH3	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-3		144784	PSDTX994M1
		B72L7HH4	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-4		144784	PSDTX994M1
		B72L7HH5	OP-UA5 OP-UA15 OP-UA48	PYROLYSIS FURNACE H-5		144784	PSDTX994M1
		B72L7LR1	OP-UA4	B-7200 UNLOADING AREA		144784	PSDTX994M1
		B72L7R38	OP-REQ2	R-38 METHANATOR REACTOR		144784	PSDTX994M1
		B72L7R60A	OP-REQ2	R-60A ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60B	OP-REQ2	R-60B ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7R60C	OP-REQ2	R-60C ACETYLENE REACTOR		144784	PSDTX994M1
		B72L7S206	OP-UA3	S-206 CAUSTIC COALESCER SOLIDS REMOVAL DRUM		144784	PSDTX994M1
		B72L7SC02	OP-UA16	B-7202 SOLVENT CLEANING		144784	PSDTX994M1
		B72L7SP203	OP-UA14	D-203-1 SPENT CAUSTIC SURGE DRUM		144784	PSDTX994M1
		B72L7T101	OP-REQ2	T-101 LPG SPLITTER		144784	PSDTX994M1

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		B72L7T51	OP-REQ2	T-51 DEMETHANIZER TOWER		144784	PSDTX994M1
		B72L7T52	OP-REQ2	T-52 DE-ETHANIZER TOWER		144784	PSDTX994M1
		B72L7T53A	OP-REQ2	T-53A DEPROPANIZER		144784	PSDTX994M1
		B72L7T53B	OP-REQ2	T-53B DEPROPANIZER		144784	PSDTX994M1
		B72L7T54A	OP-REQ2	T-54A TOP SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T54B	OP-REQ2	T-54B BOTTOM SECTION C3 SPLITTER		144784	PSDTX994M1
		B72L7T71	OP-REQ2	T-71 SECONDARY DE-METHANIZER		144784	PSDTX994M1
		B72L7T72	OP-REQ2	T-72 C2 SPLITTER TOWER		144784	PSDTX994M1
		BSRSR617	OP-UA3	TRIETHYLENE GLYCOL		22072	
		BSRSRD404	OP-REQ2	D404 – LAST KNOCKOUT DRUM BEFORE FS-401 FLARE		22072	
		BSRSRF200	OP-UA7	DW-6 DEHY FLARE		22072	
		BSRSRF200	OP-UA15	VENTS ROUTED TO DW 6 DEHY FLARE		22072	
		BSRSRF402	OP-UA7	BRINE FLARE NO. 2		22072	
		BSRSRF402	OP-UA15	VENTS ROUTED TO BRINE FLARE 2		22072	
		BSRSRFMNF	OP-UA7	STEVENS MAIN FLARE		22072	

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		BSRSRFMNF	OP-UA15	VENTS ROUTED TO STEVENS MAIN FLARE		22072	
		BSRSRFMW1	OP-UA7	MONITOR WELL NO. 1 FLARE		22072	
		BSRSRFMW1	OP-UA15	VENTS TO MONITORING WELL NO. 1 FLARE		22072	
		BSRSRFUBRK	OP-UA12	STEVENS PROCESS FUGITIVE		22072 106.261/11/01/2003 [152182, 157214, 157724] 106.262/11/01/2003 [157214 106.472/09/04/2000 [157214]	
		BSRSRFUDOW	OP-UA12	BROCK PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182]	
		BSRSRFUSTV	OP-UA12	DOW PROCESS FUGITIVE AREA		22072 106.261/11/01/2003 [152182, 154273, 157724, 163128, 170207]	
		BSRSRGE14	OP-UA2	C14 ENGINE EXHAUST		22072	
		BSRSRGE55A	OP-UA2	GAS ENGINE EXHAUST		22072	
		BSRSRH575	OP-UA5	DOWTHERM HEATER H-575		22072	
		BSRSRH628	OP-UA5	DW 6 DEHY HEATER		22072	
		BSRSRHDHT	OP-UA5	SALT DOME OPERATION DOWTHERM HEATER		22072	

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**Federal Operating Permit Program
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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
		BSRSRHET1	OP-UA5	NORTH ETHYLENE HEATER		22072	
		BSRSRHET2	OP-UA5	SOUTH ETHYLENE HEATER		22072	
		BSRSRLR615	OP-UA4	DW 6 HC LOADING RACK		22072	
		BSRSROE1	OP-UA7 OP-UA15	MAINTENANCE EQUIPMENT CLEARING		22072	
		BSRSRPLHC1	OP-UA3	LHC SURGE POND 1		22072	
		BSRSRPLHC2	OP-UA3	LHC SURGE POND 2		22072	
		BSRSRS401	OP-UA14	S-401 SEPARATOR		22072	
		BSRSRSC01	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
		BSRSRSC301	OP-UA16	SAFETY KLEEN DEGREASER		106.454/11/01/2001	
		BSRSRSP626	OP-UA14	WATER SEPARATOR		22072	
		BSRSRST202	OP-REQ2	GASOLINE TANK		22072	
		BSRSRST615	OP-UA3	DW 6 HC TANK		22072	
		BSRSRST616	OP-UA3	DW 6 METHANOL TANK		22072	

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		BSRSRTL1	OP-UA4	MAINTENANCE TRUCK LOADING RACK		106.263/11/01/2001	
		BSRSRVSTV	OP-UA3	T-5 (SS1) DBSA TANK AT STEVENS		22072 106.472/09/04/2000	
		OC2L8GF500	OP-UA7	GROUND FLARE GF-500		20432	PSDTX994M2 N274
		OC6FL066A	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL066B	OP-UA3	FL-1066A/B EFFLUENT WATER FILTERS		20432	PSDTX994M2 N274
		OC6FL166A	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6FL166B	OP-UA3	FL-1166A/B SPENT CAUSTIC FILTERS		20432	PSDTX994M2 N274
		OC6L8CT800	OP-UA13	COOLING TOWER		20432 106.371/09/04/2000	PSDTX994M2 N274
		OC6L8D069	OP-UA14	D-1069 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1015	OP-UA3	D-1015 QUENCH AREA STEAM OUT K.O. DRUM		20432	PSDTX994M2 N274
		OC6L8D1080	OP-UA3	D-1080 VERTICAL VESSEL		20432	PSDTX994M2 N274

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		OC6L8D1081	OP-UA3	D-1081 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1180	OP-UA3	D-1180 VERTICAL VESSEL		20432	PSDTX994M2 N274
		OC6L8D1181	OP-UA14 OP-UA19	D-1181 (VERTICAL VESSEL) WASTE OIL WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D1540	OP-UA3	D-1540 DIESEL STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8D169	OP-UA14 OP-UA19	D-1169 (HORIZONTAL) LIGHT OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D230	OP-UA3	D-230 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D27	OP-UA14	D-27 SPENT CAUSTIC/HC DEGASSING D		20432	PSDTX994M2 N274
		OC6L8D280	OP-UA19	V-280 VESSEL		20432	PSDTX994M2 N274
		OC6L8D301	OP-UA14	D-301 OIL/WATER SEPARATOR		20432	PSDTX994M2 N274
		OC6L8D433	OP-UA14	D-433 OIL/WATER SEPARATOR		166672	
		OC6L8D906	OP-UA3	D-906 BENZENE WASTE MGMT UNIT		20432	PSDTX994M2 N274
		OC6L8D91	OP-UA3	D-91 DIMETHYL DISULFIDE STOR. DRUM		20432	PSDTX994M2 N274

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		OC6L8D97	OP-UA3	D-97 METHANOL STORAGE DRUM		20432	PSDTX994M2 N274
		OC6L8F1	OP-UA7	FS-1 ELEVATED FLARE STACK		20432	PSDTX994M2 N274
	2	OC6L8F1018	OP-UA7	FS-1018 VENT FLARE #1		20432 <i>106.261/11/01/2003 [170264]</i>	PSDTX994M2 N274
		OC6L8F902	OP-UA7	FS-902 SOUTH TANK FARM VENT FLARE		20432	PSDTX994M2 N274
	2	OC6L8FU01	OP-UA1 OP-UA12	ETHYLENE PROCESS AREA FUGITIVES		20432 106.261/11/01/2003 [162922, 163968, 164734, 165416, 166753, 170264, 161951, 171949, 172813, 173020, 173885, 176418] 106.262/11/01/2003 [162922, 163968, 165416 171949, 172813, 173020, 176418]	PSDTX994M2 N274
	2	OC6L8FU11	OP-UA1 OP-UA12	SOUTH TANK FARM FUGITIVES 1		20432 106.261/11/01/2003 [157214, 161951, 163968, 172813] 106.262/11/01/2003 [157214, 163968, 172813] 106.472/09/04/2000 [157214]	PSDTX994M2 N274
		OC6L8GE03	OP-UA2	EMERGENCY DIESEL GENERATOR		20432	PSDTX994M2 N274

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		OC6L8H1	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-1		20432	PSDTX994M2 N274
		OC6L8H10	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-10		20432	PSDTX994M2 N274
		OC6L8H2	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-2		20432	PSDTX994M2 N274
		OC6L8H3	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-3		20432	PSDTX994M2 N274
		OC6L8H4	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-4		20432	PSDTX994M2 N274
		OC6L8H5	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-5		20432	PSDTX994M2 N274
		OC6L8H6	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-6		20432	PSDTX994M2 N274
		OC6L8H7	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-7		20432	PSDTX994M2 N274
		OC6L8H8	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-8		20432	PSDTX994M2 N274
		OC6L8H9	OP-UA5 OP-UA15	PYROLYSIS FURNANCE F-9		20432	PSDTX994M2 N274
		OC6L8LR1	OP-UA4	OC-6 UNLOADING AREA		20432	PSDTX994M2 N274

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		OC6L8R44A	OP-UA48	R-44A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R44B	OP-UA48	R-44B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45A	OP-REQ2	R-45A ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8R45B	OP-REQ2	R-45B ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6LR45C	OP-REQ2	R-45C ACETYLENE REACTOR		20432	PSDTX994M2 N274
		OC6L8RX1	OP-UA15	PROCESS VENTS TO FLARES OX2F500 AND OC6F1		20432	PSDTX994M2 N274
		OC6L8RX2	OP-UA15	PROCESS EPN FOR VENT TO TOX FX-2000		20432	PSDTX994M2 N274
		OC6L8RX3	OP-UA15	PROCESS FIN FOR VENT TO F-902 FLARE		20432	PSDTX994M2 N274
		OC6L8RX4	OP-UA15	PROCESS FIN FOR VENT TO FLARE FS-1018		20432	PSDTX994M2 N274
		OC6L8S068	OP-UA3	S-1068 VERTICAL SEPARATOR		20432	PSDTX994M2 N274
		OC6L8S168	OP-UA3	S-1168 VERTICAL SEPARATOR		20432	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8SP114	OP-REQ2	D-114 LUBE OIL RUNDOWN TANK		20432	PSDTX994M2 N274
		OC6L8ST01A	OP-UA3	PYGAS STORAGE TANK V-1101A		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8ST01B	OP-UA3	PYGAS STORAGE TANK V-1101B		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8ST505	OP-UA3	V-1505 FUEL OIL STORAGE		20432	PSDTX994M2 N274
		OC6L8ST901	OP-UA3	V-1901 NAPTH OR CONDENSATE STORAGE TANK		20432	PSDTX994M2 N274
		OC6L8ST916	OP-UA3	V-1916 FUEL OIL STORAGE		20432 106.261/11/01/2003 106.262/11/01/2003	PSDTX994M2 N274
		OC6L8T070	OP-UA14	T-1070 BENZENE STRIPPER		20432	PSDTX994M2 N274
		OC6L8T170	OP-UA14	T-1170 AROMATIC STRIPPER		20432	PSDTX994M2 N274
		OC6L8T28A	OP-REQ2	T-28A SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274
		OC6L8T28B	OP-REQ2	T-28B SPENT CAUSTIC OXIDIZER		20432	PSDTX994M2 N274

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		OC6L8TO	OP-REQ2	FS-2000 THERMAL OXIDIZER INCINERATOR		20432 106.261/11/01/2003 106.262/11/01/2003	PSDIX994M2 N274
		OC6L8V1005	OP-UA3	WASH OIL STORAGE TANK		20432	PSDIX994M2 N274
		OC6L8V1020	OP-UA3	V-1020 QUENCH AREA EFFLUENT WATER TANK		20432	PSDIX994M2 N274
		OC6L8V1045	OP-REQ2	V-1045 BIO POND TANK #1		20432	PSDIX994M2 N274
		OC6L8V1050	OP-REQ2	V-1050 BIO POND TANK #2		20432	PSDIX994M2 N274
		OC6L8V1905	OP-UA3	PROCESS WATER		20432	PSDIX994M2 N274
		OC6L8V280	OP-UA3	V-280 SPENT CAUSTIC SURGE TANK		20432	PSDIX994M2 N274
		PROL7	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #7		20432	PSDIX994M2 N274
		PROL7FF	OP-UA58	LIGHT HYDROCARBON 7		20432	PSDIX994M2 N274
		PROL8	OP-REQ2	PROCESS UNIT ID FOR LIGHT HYDROCARBON #8		20432	PSDIX994M2 N274
		PROL8FF	OP-UA58	LIGHT HYDROCARBON 8		20432	PSDIX994M2 N274

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit/ Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		PROSDO	OP-UA57	PROCESS UNIT ID FOR SDO		22072	
		PROSRNG	OP-REQ2	SDO NATURAL GAS DEHYDRATION UNIT		22072	
		WWCL7	OP-REQ2	LHC 7 PROCESS WASTEWATER		144784	PSDTX994M1

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	B72L7HH1	OP-UA15		GRPL7PF
	B72L7HH2	OP-UA15		GRPL7PF
	B72L7HH3	OP-UA15		GRPL7PF
	B72L7HH4	OP-UA15		GRPL7PF
	B72L7HH5	OP-UA15		GRPL7PF
	OC6L8H1	OP-UA15		GRP1L8PF
	OC6L8H10	OP-UA15		GRP2L8PF
	OC6L8H2	OP-UA15		GRP1L8PF
	OC6L8H3	OP-UA15		GRP1L8PF
	OC6L8H4	OP-UA15		GRP1L8PF
	OC6L8H5	OP-UA15		GRP1L8PF
	OC6L8H6	OP-UA15		GRP1L8PF
	OC6L8H7	OP-UA15		GRP1L8PF

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	OC6L8H8	OP-UA15		GRP2L8PF
	OC6L8H9	OP-UA15		GRP2L8PF

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B56L7FU01	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	ALL
	B56L7FU01	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	B56L7FU01	OP-UA12	61V-ALL	VHAP	40 CFR Part 60, Subpart V	ALL
	B60L7F1	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	B60L7F1	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l)
	B60L7F1	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)
	B60L7F1	OP-UA15	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2455(a)-Table 1.1.a.ii, 63.2450(a)(2), 63.2450(b), 63.2455(a)-(b), (b)(1), 63.2450(e)(4)-(6), (k)(8), (u), 63.2535(m)(1)-(2), 63.983(a)(1)-(3), 63.983(a)(3)(ii), (d)(1), (d)(1)(i), [G]63.983(d)(2), (d)(3),
	B60L7FU1	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103

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Table 1a: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7CT1	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.764(a)(1), 115.766(i)
	B72L7CT1	OP-UA13	R5760-02	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.764(e)(2), 115.766(i)
	B72L7D103	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	B72L7D18	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B72L7D18A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B72L7D18C	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.137(a)(2), [G]115.132(a)(4)
	B72L7D19	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B72L7D2	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.137(a)(1)
	B72L7D202	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), [G]61.349(a)(2)(iv), (b), (e)-(g)

**Applicable Requirements Summary
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Federal Operating Permit Program
Table 1a: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7D203B	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D204A	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D204B	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D204C	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D27	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D28	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), [G]61.349(a)(2)(iv), (b), (e)-(g)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7D4	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	B72L7D450	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B72L7D450	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D452	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D453	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D511	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	B72L7D530A	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), [G]61.349(a)(2)(iv), (b), (e)-(g)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7D6	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D63	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), [G]61.349(a)(2)(iv), (b), (e)-(g)
	B72L7D6A	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D7	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D77	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	B72L7D80	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B72L7D81	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)

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Table 1a: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7DF1	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	B72L7DF2	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	B72L7F2	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	B72L7F2	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.727(b)(2), 115.727(b)
	B72L7F2	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)
	B72L7FU1	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	ALL
	B72L7FU1	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	B72L7FU1	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	B72L7GE01	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B72L7GE01	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table 2c.1, 63.6595(a)(1), 63.6605(a)-(b), 63.6625(e), (h)-(i), 63.6640(f)(1)-(2), (f)(2)(i), (f)(3)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7GE02	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	B72L7GE02	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)
	B72L7GE02	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)
	B72L7GE02	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)
	B72L7GE02	OP-UA2	60III-01	PM (Opacity)	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, 89.113(a)(1)-(3)
	B72L7GE02	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	B72L7LR1	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(2), (a)(3)(B), 115.212(a)(3)(D)-(E), 115.213(b)(1), 115.213(b)(4), [G](b)(6), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(ii)
	B72L7LR1	OP-UA4	R5211-02	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(i)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	B72L7S206	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), [G]61.349(a)(2)(iv), (b), (e)-(g)
	B72L7SC02	OP-UA16	R5412-01	VOC	30 TAC Chapter 115, Degreasing Processes	115.412(1), 115.411(1), [G]115.412(1)(A), (1)(C), (1)(E), [G]115.412(1)(F)
	B72L7SP203	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	BSRSR617	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	BSRSRF200	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	BSRSRF200	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	BSRSRF402	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	BSRSRF402	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](1)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	BSRSRF402	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	BSRSRF402	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)
	BSRSRFMNF	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	BSRSRFMNF	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l)
	BSRSRFMNF	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	BSRSRFMW1	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	BSRSRFMW1	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l)
	BSRSRFMW1	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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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	BSRSRFUBRK	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	ALL
	BSRSRFUBRK	OP-UA12	61J-ALL	Benzene	40 CFR Part 61, Subpart J	61.112(a), 61.112(b)
	BSRSRFUBRK	OP-UA12	61V-ALL	VHAP	40 CFR Part 61, Subpart V	ALL
	BSRSRFUDOW	OP-UA12	R5780-01	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	115.781(b)(9), 115.780(b), [G]115.781(a), 115.781(g)(3), 115.782(a), (b)(1)-(2), 115.782(c)(1), (c)(1)(A)-(B), [G]115.782(c)(1)(B)(i), (c)(1)(B)(ii), [G]115.782(c)(1)(B)(iii), (c)(1)(B)(iv)
	BSRSRFUSTV	OP-UA12	R5780-01	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	115.781(b)(9), 115.780(b), [G]115.781(a), 115.781(g)(3), 115.782(a), (b)(1)-(2), 115.782(c)(1), (c)(1)(A)-(B), [G]115.782(c)(1)(B)(i), (c)(1)(B)(ii), [G]115.782(c)(1)(B)(iii), (c)(1)(B)(iv)
	BSRSRGE14	OP-UA2	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(B)
	BSRSRGE14	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(9)(A)(ii), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(2)(C), (p)(3)
	BSRSRGE14	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6600(a)-Table 1a.1.b, 63.6595(c), 63.6600(a)-Table 1b.1.b 63.6605(a)-(b), 63.6625(h), 63.6630(a)-(b), 63.6640(b)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	BSRSRGE55A	OP-UA2	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D)
	BSRSRGE55A	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table 2c.6, 63.6595(a)(1), 63.6605(a)-(b), 63.6625(e), (h), (j), 63.6640(f)(1)-(2), (f)(2)(i), (f)(3)
	BSRSRH575	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(B), (c)(3)
	BSRSRH575	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(A)(ii), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(2)(C), (p)(3)
	BSRSRH575	OP-UA5	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	63.7500(a)(1)-Table 3.2, 63.7500(a)(1), 63.7500(a)(3), (e), 63.7505(a), 63.7540(a), [G](a)(10), (a)(11), (a)(13)
	BSRSRH628	OP-UA5	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	63.7500(a)(1)-Table 3.2, 63.7500(a)(1), 63.7500(a)(3), (e), 63.7505(a), 63.7540(a), [G](a)(10), (a)(11), (a)(13)
	BSRSRHDHT	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(B), (c)(3)
	BSRSRHDHT	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(A)(ii), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(2)(C), (p)(3)

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Table 1a: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	BSRSRDHT	OP-UA5	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	63.7500(a)(1)-Table 3.2, 63.7500(a)(1), 63.7500(a)(3), (e), 63.7505(a), 63.7540(a), [G](a)(10), (a)(11), (a)(13)
	BSRSRHET1	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(B), (c)(3)
	BSRSRHET1	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(A)(ii), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(2)(C), (p)(3)
	BSRSRHET1	OP-UA5	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	63.7500(a)(1)-Table 3.3, 63.7500(a)(1), 63.7500(a)(3), 63.7505(a), 63.7540(a), 63.7540(a)(1), [G](a)(10), (a)(13)
	BSRSRHET2	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(B), (c)(3)
	BSRSRHET2	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(A)(ii), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(2)(C), (p)(3)
	BSRSRHET2	OP-UA5	63DDDDD-01	HAPS	40 CFR Part 63, Subpart DDDDD	63.7500(a)(1)-Table 3.3, 63.7500(a)(1), 63.7500(a)(3), 63.7505(a), 63.7540(a), 63.7540(a)(1), [G](a)(10), (a)(13)
	BSRSRLR615	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(3)(B), (a)(3)(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(ii)

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	BSRSRLR615	OP-UA	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b)(2), 63.2343(c)(1), 63.2350(d)
	BSRSROE1	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	BSRSROE1	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](d)
	BSRSROE1	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	BSRSRPLHC1	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	BSRSRPLHC2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	BSRSRS401	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(3), 115.131(a)
	BSRSRSC01	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), (1)(D), [G]115.412(1)(F)
	BSRSRSC301	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), (1)(D), [G]115.412(1)(F)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	BSRSRSP626	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(3), 115.131(a)
	BSRSRST615	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	BSRSRST615	OP-UA1	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b)(1), 63.2350(d)
	BSRSRST616	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)
	BSRSRST616	OP-UA1	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b)(1), 63.2350(d)
	BSRSRRTL1	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(3)(B), (a)(3)(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(ii)
	BSRSRRTL1	OP-UA4	R5211-02	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.214(a)(1)(B), 115.217(a)(1)(D), (a)(1)(D)(ii)
	BSRSRVSTV	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	GRP1L8PF	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G]115.725(a)(4), [G](l), (n), [G]115.726(a)(2)
	GRP1L8PF	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(B)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	GRP1L8PF	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(A), (c)(3), 117.340(f)(1)
	GRP1L8PF	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(B), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(3)
	GRP1L8PF	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	GRP2L8PF	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G]115.725(a)(4), [G](l), (n), [G]115.726(a)(2)
	GRP2L8PF	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(B)
	GRP2L8PF	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(A), (c)(3), 117.340(f)(1)
	GRP2L8PF	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(B), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(3)
	GRP2L8PF	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	GRPL7PF	OP-UA15	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.727(f), 115.725(a)(2)(A)-(D), (a)(3), [G]115.725(a)(4), [G](l), (n), [G]115.726(a)(2)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	GRPL7PF	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(B)
	GRPL7PF	OP-UA5	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), 117.310(c)(1)(A), (c)(3), 117.340(f)(1)
	GRPL7PF	OP-UA5	R7ICI-01	NO _x	30 TAC Chapter 117, Subchapter B	117.310(d)(3), 117.310(a), (a)(8)(B), 117.310(b), [G](e)(1), (e)(2), [G](e)(3), 117.310(e)(4), 117.340(l)(2), (p)(1), 117.340(p)(3)
	GRPL7PF	OP-UA48	60RRR-01	VOC/TOC	40 CFR Part 60, Subpart RRR	60.702(a), [G]60.704(b)(5)
	GRPL7PF	OP-UA48	60RRR-02	VOC/TOC	40 CFR Part 60, Subpart RRR	60.702(a), [G]60.704(b)(5)
	GRPL7PF	OP-UA48	60RRR-03	VOC/TOC	40 CFR Part 60, Subpart RRR	60.702(a), [G]60.704(b)(5)
	GRPL7PF	OP-UA48	60RRR-04	VOC/TOC	40 CFR Part 60, Subpart RRR	60.702(a), [G]60.704(b)(5)
	GRPL7PF	OP-UA48	60RRR-05	VOC/TOC	40 CFR Part 60, Subpart RRR	60.702(a), [G]60.704(b)(5)
	OC2L8GF500	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC2L8GF500	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	OC2L8GF500	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l)
	OC2L8GF500	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)
	OC2L8GF500	OP-UA7	63A-01	HAPS	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), 63.11(b)(6)(ii), (b)(7)(i)
	OC6FL066A	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6FL066A	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6FL066B	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	OC6FL066B	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6FL166A	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6FL166A	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6FL166B	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6FL166B	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8CT800	OP-UA13	R5760-01	HRVOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(6), 115.764(e)(2), 115.766(i)
	OC6L8D069	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)

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Table 1a: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	OC6L8D069	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D069	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8D1015	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D1015	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8D1080	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D1080	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	OC6L8D1081	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D1081	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8D1180	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D1180	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8D1181	OP-UA19	R5140-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142(1), 115.142, (1)(A)-(C), 115.142(1)(E)-(G), [G](1)(H), [G]115.148
	OC6L8D1181	OP-UA19	R5140-02	VOC	30 TAC Chapter 115, Industrial Wastewater	115.143(a), 115.910, [G]115.148, 63.1103(e)(4)(xii)-(xiii)
	OC6L8D1181	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18

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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)
	OC6L8D1181	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D1540	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	OC6L8D169	OP-UA19	R5140-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142(1), 115.142, (1)(A)-(C), 115.142(1)(E)-(G), [G](1)(H), [G]115.148
	OC6L8D169	OP-UA19	R5140-02	VOC	30 TAC Chapter 115, Industrial Wastewater	115.143(a), 115.910, [G]115.148, 63.1103(e)(4)(xii)-(xiii)
	OC6L8D169	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8D169	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8D230	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	OC6L8D27	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	OC6L8D280	OP-UA19	R5140-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142(1), 115.142, (1)(A)-(C), 115.142(1)(E)-(G), [G](1)(H), [G]115.148
	OC6L8D280	OP-UA19	R5140-02	VOC	30 TAC Chapter 115, Industrial Wastewater	115.143(a), 115.910, [G]115.148, 63.1103(e)(4)(xii)-(xiii)
	OC6L8D301	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	OC6L8D433	OP-UA14	R5131-01	VOC	30 TAC Chapter 115, Water Separation	115.132(a)(1)
	OC6L8D906	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8D91	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(A), 115.112(e)(3)(A)(ii)
	OC6L8D97	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.113, 115.910, 63.1103(e)(4)(xii)-(xiii)
	OC6L8D97	OP-UA3	R5112-02	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(3), (e)(3)(A), 115.112(e)(3)(A)(ii)

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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)
	OC6L8D97	OP-UA1	63EEEE-01	HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b)(1), 63.2350(d)
	OC6L8F1	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	OC6L8F1	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l)
	OC6L8F1	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)
	OC6L8F1	OP-UA7	63A-01	HAPS	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), 63.11(b)(6)(ii), (b)(7)(i)
	OC6L8F1	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8F1018	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	OC6L8F1018	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.722(d), 115.722(d)(1)-(2), [G]115.725(d)(1), (d)(2), (d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), (d)(2)(B), 115.725(d)(2)(B)(i)-(iv), [G](l)
	OC6L8F1018	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(4)(i), (c)(6), (e)

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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)
	OC6L8F1018	OP-UA7	63A-01	HAPS	40 CFR Part 63, Subpart A	63.11(b)(4), 63.11(b)(1)-(3), (b)(5), 63.11(b)(6)(ii), (b)(7)(i)
	OC6L8F1018	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8F902	OP-UA7	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	111.111(a)(4)(A)
	OC6L8F902	OP-UA7	R5720-01	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	115.727(d)
	OC6L8F902	OP-UA7	60A-01	Opacity	40 CFR Part 60, Subpart A	60.18(b), 60.18(c)(1)-(2), (c)(3)(ii), 60.18(c)(5), (c)(6), (e)
	OC6L8FU01	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	ALL
	OC6L8FU01	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	OC6L8FU01	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8FU11	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	ALL
	OC6L8FU11	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8GE03	OP-UA2	R7ICI-01	NOX	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D)

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	OC6L8GE03	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table 2c.1, 63.6595(a)(1), 63.6605(a)-(b), 63.6625(e), (h)-(i), 63.6640(f)(1)-(2), (f)(2)(i), (f)(3)
	OC6L8LR1	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.213(b), 115.212(a)(3)(B), (a)(3)(E), 115.213(b)(1), (b)(4), [G](b)(6), 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(ii)
	OC6L8LR1	OP-UA4	R5211-02	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(a)(1), 115.214(a)(1)(B), 115.217(a)(1)(D), (a)(1)(D)(ii)
	OC6L8R44A	OP-UA48	60RRRR-01	VOC/TOC	40 CFR Part 60, Subpart RRR	60.700(c)(5)
	OC6L8R44B	OP-UA48	60RRRR-01	VOC/TOC	40 CFR Part 60, Subpart RRR	60.700(c)(5)
	OC6L8RX1	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(A), 60.18
	OC6L8RX1	OP-UA15	R5121-02	VOC	30 TAC Chapter 115, Vent Gas Controls	115.123(a)(1), 115.910, 63.1103(e)(4)(xii)-(xiii)
	OC6L8RX2	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(2), 115.121(a)(2), 115.122(a)(2)(B)
	OC6L8RX2	OP-UA15	R5121-02	VOC	30 TAC Chapter 115, Vent Gas Controls	115.123(a)(1), 115.910, 63.1103(e)(4)(xii)-(xiii)
	OC6L8RX3	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.123(a)(1), 115.910, 63.1103(e)(4)(xii)-(xiii)

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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)
	OC6L8RX3	OP-UA15	R5121-02	VOC	30 TAC Chapter 115, Vent Gas Controls	115.122(a)(1), 115.121(a)(1), 115.122(a)(1)(B), 60.18
	OC6L8RX4	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.123(a)(1), 115.910, 63.1103(e)(4)(xii)-(xiii)
	OC6L8S068	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8S068	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8S168	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8S168	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8ST01A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(2), 115.112(e)(2)(A)-(C), (e)(2)(E)-(G), [G]115.112(e)(2)(H)-(I), 115.214(a)(2)(A), (a)(4)(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)
	OC6L8ST01A	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8ST01B	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(2), 115.112(e)(2)(A)-(C), (e)(2)(E)-(G), [G]115.112(e)(2)(H)-(I), 115.214(a)(2)(A), (a)(4)(A)
	OC6L8ST01B	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8ST505	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	OC6L8ST901	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(2), 115.112(e)(2)(A)-(C), (e)(2)(E)-(G), [G]115.112(e)(2)(H)-(I), 115.214(a)(2)(A), (a)(4)(A)
	OC6L8ST901	OP-UA3	60Ka-01	VOC	40 CFR Part 60, Subpart Ka	60.112a(a)(1), 60.112a(a)(1)(i), 60.112a(a)(1)(i)(A), (a)(1)(i)(C)-(D), 60.112a(a)(1)(ii)(A)-(D), (a)(1)(iii)-(iv)
	OC6L8ST901	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8ST916	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.113, 115.910, 63.1103(e)(4)(xii)-(xiii)

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	OC6L8T070	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8T070	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8T170	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8T170	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8V1005	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	OC6L8V1020	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)

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	OC6L8V1020	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	OC6L8V1905	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), 115.112(e)(2), 115.112(e)(2)(A)-(C), (e)(2)(E)-(G), [G]115.112(e)(2)(H)-(I), 115.214(a)(2)(A), (a)(4)(A)
	OC6L8V1905	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.351(a), [G]60.112b(a)(2), 61.351(a)(2), 61.351(b)
	OC6L8V1905	OP-UA1	63YY-01	HAPS	40 CFR Part 63, Subpart YY	63.1103
	OC6L8V280	OP-UA3	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(a)(2)(i)(A), (b), (e)-(g)
	OC6L8V280	OP-UA3	61FF-02	Benzene	40 CFR Part 61, Subpart FF	61.343(a)(1), 61.343(a)(1)(i)(A)-(B), 61.343(c)-(d), 61.349(a), (a)(1)(i)-(ii), 61.349(a)(1)(ii)(B), (a)(1)(iii)-(iv), 61.349(b), (e)-(g), 60.18
	PROL7FF	OP-UA60	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.348(a)(1), 61.348(a)(1)(ii), (a)(2), 61.348(a)(4), (e), (e)(1)-(2), (f)

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Table 1a: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

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)
	PROL8FF	OP-UA60	61FF-01	Benzene	40 CFR Part 61, Subpart FF	61.348(a)(1), 61.348(a)(1)(ii), (a)(2), 61.348(a)(4), (e), (e)(1)-(2), (f)
	PROSDO	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(1), [G]115.463(c)
	PROSDO	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(2), [G]115.463(c)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B56L7FU01	R5780-ALL	HRVOC	ALL	ALL	ALL
	B56L7FU01	R5352-ALL	VOC	ALL	ALL	ALL
	B56L7FU01	61V-ALL	VHAP	ALL	ALL	ALL
	B60L7F1	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	B60L7F1	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	B60L7F1	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	B60L7F1	63FFFF-01	HAPS	[G]63.115(d)(2)(v), 63.983(a)(3), (a)(3)(ii), (b), [G]63.983(b)(1)-(4), [G](c)(1), 63.983(c)(2)-(3), (d)(1), 63.983(d)(1)(ii)	63.2450(k)(1)(ii), (k)(7), [G]63.2525(m), (n), 63.983(a)(3)(ii), 63.983(b)(3)(ii), [G](d)(2), [G]63.998(b)(1), (b)(2)(i)-(ii), [G]63.998(d)(1)	63.2520(d)(3), (e)(11)-(12), [G]63.999(a)(1)-(2), (b)(5), (c)(1), 63.999(c)(2)(i), [G]63.999(d)(1)-(2)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B60L7F1	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	B72L7CT1	R5760-01	HRVOC	115.764(a)(1), (a)(3), [G](a)(6), 115.764(c)	115.766(a)(1)-(3), (a)(5)-(6), (c), (i)(1)	115.766(i)(2)
	B72L7CT1	R5760-02	HRVOC	115.764(a)(1), [G](a)(6), (c), 115.764(e)(2)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(f), (i)(1)	115.766(i)(2)
	B72L7D103	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	B72L7D18	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B72L7D18A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B72L7D18C	R5131-01	VOC	[G]115.135(a), 115.136(a)(1), 115.136(a)(3)-(4)	115.136(a)(1), (a)(3)-(4)	NONE
	B72L7D19	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	B72L7D2	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	B72L7D202	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B72L7D203B	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D204A	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D204B	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D204C	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D27	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	B72L7D28	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B72L7D4	R5131-01	VOC	[G]115.135(a), 136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	B72L7D450	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	B72L7D450	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D452	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D453	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D511	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	B72L7D530A	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B72L7D6	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D63	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	B72L7D6A	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D7	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D77	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	B72L7D80	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B72L7D81	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B72L7DF1	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	B72L7DF2	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	B72L7F2	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	B72L7F2	R5720-01	HRVOC	NONE	115.726(e)(2), (j)(2)	NONE
	B72L7F2	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	B72L7FU1	R5780-ALL	HRVOC	ALL	ALL	ALL
	B72L7FU1	R5352-ALL	VOC	ALL	ALL	ALL
	B72L7FU1	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	B72L7GE01	R7ICI-01	NO _x	117.8140(a), (a)(3)	117.340(j), [G]117.345(f)(10), [G]117.345(f)(6)	NONE
	B72L7GE01	63ZZZZ-01	HAPS	63.6625(f), (i), 63.6640(a), 63.6640-Table 6.9.a.i-ii	63.6625(i), 63.6655(d)-(f), 63.6660(a)-(c)	63.6640(e), 63.6650(f)
	B72L7GE01	R7ICI-01	NO _x	NONE	117.340(j), 117.345(f), [G](f)(10), [G]117.345(f)(6)	NONE

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B72L7GE02	60III-01	CO	NONE	NONE	NONE
	B72L7GE02	60III-01	NMHC & NO _x	NONE	NONE	NONE
	B72L7GE02	60III-01	PM	NONE	NONE	NONE
	B72L7GE02	60III-01	PM (Opacity)	NONE	NONE	NONE
	B72L7GE02	63ZZZZ-01	HAPS	NONE	NONE	NONE
	B72L7LR1	R5211-01	VOC	115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, (1) 115.215(10), [G](2), (4), (9)	115.213(b)(1), 115.216, (2), (3)(A), 115.216(3)(A)(i)-(iii), (3)(B)	115.213(b)(1)-(4)
	B72L7LR1	R5211-02	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	B72L7S206	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	B72L7SC02	R5412-01	VOC	[G]115.415(1), (3)	NONE	NONE
	B72L7SP203	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSR617	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	BSRSRF200	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	BSRSRF200	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	BSRSRF402	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	BSRSRF402	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	BSRSRF402	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	BSRSRF402	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	BSRSRFMNF	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRFMNF	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	BSRSRFMNF	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	BSRSRFMW1	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	BSRSRFMW1	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	BSRSRFMW1	R5121-01	VOC	[G]115.125, 115.126(2)	115.126, (2), (4)	NONE
	BSRSRFUBRK	R5780-01	HRVOC	115.781(b), (b)(10), (b)(3)-(4), 115.781(b)(7), (b)(7)(A)-(B), (f), 115.781(f)(1)-(6), (g), (g)(1)-(2), 115.782(d)(2), 115.789(1)(B)	115.781(b)(10), (g), (g)(1)-(3), [G]115.782(c)(1)(B)(i), [G]115.786(c), (d), (d)(1)-(2), 115.786(d)(2)(A)-(C), (e)-(g)	[G]115.782(c)(1)(B)(i), [G]115.786(c), 115.789(1)(B)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRFUBRK	61J-ALL	Benzene	NONE	NONE	NONE
	BSRSRFUBRK	61V-ALL	VHAP	ALL	ALL	ALL
	BSRSRFUDOW	R5780-01	HRVOC	115.781(b), (b)(10), (b)(3)-(4), 115.781(b)(7), (b)(7)(A)-(B), (f), 115.781(f)(1)-(6), (g), (g)(1)-(2), 115.782(d)(2), 115.789(1)(B)	115.781(b)(10), (g), (g)(1)-(3), [G]115.782(c)(1)(B)(i), [G]115.786(c), (d), (d)(1)-(2), 115.786(d)(2)(A)-(C), (e)-(g)	[G]115.782(c)(1)(B)(i), [G]115.786(c), 115.789(1)(B)
	BSRSRFUSTV	R5780-01	HRVOC	115.781(b), (b)(10), (b)(3)-(4), 115.781(b)(7), (b)(7)(A)-(B), (f), 115.781(f)(1)-(6), (g), (g)(1)-(2), 115.782(d)(2), 115.789(1)(B)	115.781(b)(10), (g), (g)(1)-(3), [G]115.782(c)(1)(B)(i), [G]115.786(c), (d), (d)(1)-(2), 115.786(d)(2)(A)-(C), (e)-(g)	[G]115.782(c)(1)(B)(i), [G]115.786(c), 115.789(1)(B)
	BSRSRGE14	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), (h), 117.8000(b)-(c), (c)(2)-(3), 117.8000(c)(5)-(6), [G](d), 117.8140(a), (a)(1)-(2), (a)(2)(A) [G]117.8140(a)(2)(B), (b)	117.345(a), (f), (f)(1), (f)(3), (f)(3)(A), 117.345(f)(3)(A)(ii), (f)(9)	117.335(b), (g), [G]117.345(b)-(c) [G]117.345(e), 117.8010, [G](1), 117.8010(2), (2)(A)-(B), [G](3), 117.8010(4), [G](5), (6), [G](7)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRGE14	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), (h), 117.340(l)(2), (o)(1), (p)(1), 117.340(p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d), 117.8140(a), (a)(1)-(2), (a)(2)(A) [G]117.8140(a)(2)(B), (b)	117.345(a), (f), (f)(1), (f)(3), (f)(3)(A), 117.345(f)(3)(A)(ii), (f)(3)(B), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), [G](e), 117.8010, [G](1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRGE14	63ZZZZ-01	HAPS	63.6610(a)-(c), 63.6615, 63.6620(a), Table 3.3, 63.6620(a)-Table 4.3.a.i-iv, (b), 63.6620(b)(1), (d), [G](e)(2), [G]63.6625(b), 63.6630(a)-Table 5.9.a.i-iii, 63.6635(a)-(b), 63.6640(a), 63.6640(a)-Table 6.7.a.i-v, (b)	63.6620(i), 63.6630(a)-Table 5.9.a.iii, 63.6635(a), (c), 63.6655(a), (a)(1)-(5), [G]63.6655(b), (d), 63.666(a)-(c)	63.6620(i), 63.6630(c), 63.6640(b), (e), 63.6645(a), (g), 63.6645(h), (h)(2), 63.6650(a), 63.6650(a)-Table 7.1.a.i, 63.6650(a)-Table 7.1.b-c, (b), 63.6650(b)(1)-(4), [G](c), [G](e), 63.6650(f)
	BSRSRGE55A	R7ICI-01	NO _x	117.8140(a), (a)(3)	117.340(j), [G]117.345(f)(6)	NONE
	BSRSRGE55A	63ZZZZ-01	HAPS	63.6625(f), (j), 63.6640(a), 63.6640-Table 6.9.a.i-ii	63.6625(j), 63.6655(d)-(f), 63.6660(a)-(c)	63.6640(e), 63.6650(f)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRH575	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.8000(b)-(c), (c)(2)-(3), 117.8000(c)(5)-(6), [G](d)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), [G]117.345(b)-(c) 117.8010, [G](1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRH575	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.340(l)(2), (o)(1), (p)(1), 117.340(p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d),	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G]17.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRH575	63DDDDDD-01	HAPS	63.7510(g), 63.7515(d), [G]63.7521(f)-(g), (h)-(i), 63.7530(g), 63.7540(a), [G]63.7540(a)(10), [G](c)	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	[G]63.7521(g), 63.7530(e)-(f), 63.7545(a)-(c), [G](e)-(f), 63.7550(a), [G](b)-(c), [G](h)
	BSRSRH628	63DDDDDD-01	HAPS	63.7515(d), [G]63.7521(f)-(g), 63.7521(h)-(i), 63.7530(g), 63.7540(a), [G](a)(10), [G](c)	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	[G]63.7521(g), 63.7530(e)-(f), 63.7540(b), 63.7545(a)-(c), [G]63.7545(e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h)
	BSRSRHDHT	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.8000(b)-(c), (c)(2)-(3), 117.8000(c)(5)-(6), [G](d)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), [G]117.345(b)-(c) 117.8010, [G](1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRHDHT	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.340(l)(2), (o)(1), (p)(1), 117.340(p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d),	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G]17.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRHDHT	63DDDDDD-01	HAPS	63.7515(d), [G]63.7521(f)-(g), 63.7521(h)-(i), 63.7530(g), 63.7540(a), [G](a)(10), [G](c)	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	[G]63.7521(g), 63.7530(e)-(f), 63.7540(b), 63.7545(a)-(c), [G]63.7545(e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h)
	BSRSRHET1	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.8000(b)-(c), (c)(2)-(3), 117.8000(c)(5)-(6), [G](d)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), [G]117.345(b)-(c) 117.8010, [G](1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRHET1	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.340(l)(2), (o)(1), (p)(1), 117.340(p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d),	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G]17.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRHET1	63DDDDDD-01	HAPS	63.7515(d), [G]63.7521(f)-(g), 63.7521(h)-(i), 63.7530(g), 63.7540(a), [G](a)(10), [G](c)	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	[G]63.7521(g), 63.7530(e)-(f), 63.7540(b), 63.7545(a)-(c), [G]63.7545(e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRHET2	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.8000(b)-(c), (c)(2)-(3), 117.8000(c)(5)-(6), [G](d)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), [G]117.345(b)-(c) 117.8010, [G](1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRHET2	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b), (d), 117.335(e), (g), 117.340(a), 117.340(l)(2), (o)(1), (p)(1), 117.340(p)(2)(A)-(C), 117.8000(b)-(c), (c)(1), (c)(3), 117.8000(c)(5)-(6), [G](d),	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g), 117.340(p)(2)(D), [G]117.345(b)-(c), 117.8010, [G]17.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)
	BSRSRHET2	63DDDDD-01	HAPS	63.7515(d), [G]63.7521(f)-(g), 63.7521(h)-(i), 63.7530(g), 63.7540(a), [G](a)(10), [G](c)	63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	[G]63.7521(g), 63.7530(e)-(f), 63.7540(b), 63.7545(a)-(c), [G]63.7545(e)-(f), 63.7550(a), [G]63.7550(b)-(c), [G](h)
	BSRSRLR615	R5211-01	VOC	115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, 115.215(1), (10), [G](2), (4), (9)	115.213(b)(1), 115.216, (2), (3)(A), 115.216(3)(A)(i)-(iii), (3)(B)	115.213(b)(1)-(4)
	BSRSRLR615	63EEEE-01	HAPS	NONE	63.2390(a)	63.2343(c)(1), [G](c)(1)(ii), (d)(3) 63.2386(c)(10)(i), (d)(3)(ii), 63.2386(d)(4)(ii), 63.2382(d)(2)(viii)
	BSRSROE1	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSROE1	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	BSRSROE1	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	BSRSRPLHC1	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	BSRSRPLHC2	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	BSRSRS401	R5131-01	VOC	[G]115.135(a), 115.136(a)(2)-(4)	115.136(a)(2)-(4)	NONE
	BSRSRSC01	R5412-01	VOC	[G]115.415(1), (3)	NONE	NONE
	BSRSRSC301	R5412-01	VOC	[G]115.415(1), (3)	NONE	NONE
	BSRSRSP626	R5131-01	VOC	[G]115.135(a), 115.136(a)(2)-(4)	115.136(a)(2)-(4)	NONE
	BSRSRST615	R5112-01	VOC	[G]115.117	115.118(a)(5), (a)(7)	NONE

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	BSRSRST615	63EEEE-01	HAPS	NONE	63.2390(a)	[G]63.2343(b)(1)(ii), (d)(1)-(2), 63.2386(d)(3)(i), (d)(4)(i)
	BSRSRST616	R5112-01	VOC	[G]115.117	115.118(a)(5), (a)(7)	NONE
	BSRSRST616	63EEEE-01	HAPS	NONE	63.2390(a)	[G]63.2343(b)(1)(ii), (d)(1)-(2), 63.2386(d)(3)(i), (d)(4)(i)
	BSRSRTL1	R5211-01	VOC	115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, 115.215(1), (10), [G](2), (4), (9)	115.213(b)(1), 115.216, (2), (3)(A), 115.216(3)(A)(i)-(iii), (3)(B)	115.213(b)(1)-(4)
	BSRSRTL1	R5211-02	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	BSRSRVSTV	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	GRP1L8PF	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), 115.725(a)(5)	115.726(b)(1)-(3), (j), (j)(1)-(2)	[G]115.725(a)(4), (a)(5), (n), [G]115.726(a)(2)
	GRP1L8PF	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), (2)	NONE

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP1L8PF	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(3), (g), 117.340(a), (b)(1), (b)(3), (e), [G]117.340(f)(2), 117.8100(a), 117.8100(a)(1), (a)(1)(A)-(B), 117.8100(a)(1)(B)(ii)-(iii), 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), [G]117.8100(a)(5)(E), (a)(6), 117.8120, (1), (1)(A)	117.345(a), (f), (f)(1), [G](f)(2), 117.345(f)(9), 117.8100(a)(5)(C)	117.335(b), (g), [G]117.345(b)-(c) 117.345(d), (d)(2)-(5), 117.8010, [G]117.8010(1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8), 117.8100(c)
	GRP1L8PF	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (g), 117.340(a), 117.340(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)	117.345(a), (f), (f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.335(b), (g), [G]117.345(b)-(c) 117.345(d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8), 117.8100(c)

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Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP2L8PF	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), 115.725(a)(5)	115.726(b)(1)-(3), (j), (j)(1)-(2)	[G]115.725(a)(4), (a)(5), (n), [G]115.726(a)(2)
	GRP2L8PF	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), (2)	NONE
	GRP2L8PF	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(3), (g), 117.340(a), (b)(1), (b)(3), (e), [G]117.340(f)(2), 117.8100(a), 117.8100(a)(1), (a)(1)(A)-(B), 117.8100(a)(1)(B)(ii)-(iii), 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), [G]117.8100(a)(5)(E), (a)(6), 117.8120, (1), (1)(A)	117.345(a), (f), (f)(1), [G](f)(2), 117.345(f)(9), 117.8100(a)(5)(C)	117.335(b), (g), [G]117.345(b)-(c) 117.345(d), (d)(2)-(5), 117.8010, [G]117.8010(1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8), 117.8100(c)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP2L8PF	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (g), 117.340(a), 117.340(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)	117.345(a), (f), (f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.335(b), (g), [G]117.345(b)-(c) 117.345(d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8), 117.8100(c)
	GRP2L8PF	60RRR-01	VOC/TOC	NONE	NONE	60.705(r)
	GRPL7PF	R5720-01	HRVOC	115.725(a), (a)(2)(A)-(D), (a)(3), 115.725(a)(3)(B), [G](a)(4), 115.725(a)(5), [G](a)(7), 115.725(a)(7)(B)-(C)	115.726(b)(1)-(3), (j), (j)(1)-(2)	[G]115.725(a)(4), (a)(5), [G]115.725(a)(7)(A), (a)(7)(B), 115.725(n), [G]115.726(a)(2)
	GRPL7PF	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), (2)	NONE

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRPL7PF	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (f)(3), (g), 117.340(a), (b)(1), (b)(3), (e), [G]117.340(f)(2), 117.8100(a), 117.8100(a)(1), (a)(1)(A)-(B), 117.8100(a)(1)(B)(ii)-(iii), 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), [G]117.8100(a)(5)(E), (a)(6), 117.8120, (1), (1)(A)	117.345(a), (f), (f)(1), [G](f)(2), 117.345(f)(9), 117.8100(a)(5)(C)	117.335(b), (g), [G]117.345(b)-(c) 117.345(d), (d)(2)-(5), 117.8010, [G]117.8010(1), (2), (2)(A)-(B), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8), 117.8100(c)
	GRPL7PF	R7ICI-01	NO _x	[G]117.335(a)(1), (a)(4), (b)-(d), 117.335(f), (g), 117.340(a), 117.340(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)	117.345(a), (f), (f)(1), [G](f)(2), 117.345(f)(8)-(9), 117.8100(a)(5)(C)	117.335(b), (g), [G]117.345(b)-(c) 117.345(d), (d)(3), 117.8010, [G]117.8010(1), (2), (2)(A)-(D), [G]117.8010(3), (4), [G](5), (6), [G]117.8010(7)-(8), 117.8100(c)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRPL7PF	60RRR-01	VOC/TOC	60.703(c), (c)(1), (c)(1)(i), 63.704(a)-(b), (b)(1)-(3), [G](b)(4)	60.703(c)(1), 60.705(b), (b)(2)(i), (c), 60.705(c)(4), (d)(1), (s)	60.705(a)-(b), (b)(2)(i), (c), (c)(4), 60.705(k)-(1), (l)(1)-(2), (s)
	GRPL7PF	60RRR-02	VOC/TOC	60.703(c), (c)(1), (c)(1)(i), 63.704(a)-(b), (b)(1)-(3), [G](b)(4)	60.703(c)(1), 60.705(b), (b)(2)(i), (c), 60.705(c)(4), (d)(1), (s)	60.705(a)-(b), (b)(2)(i), (c), (c)(4), 60.705(k)-(1), (l)(1)-(2), (s)
	GRPL7PF	60RRR-03	VOC/TOC	60.703(c), (c)(1), (c)(1)(i), 63.704(a)-(b), (b)(1)-(3), [G](b)(4)	60.703(c)(1), 60.705(b), (b)(2)(i), (c), 60.705(c)(4), (d)(1), (s)	60.705(a)-(b), (b)(2)(i), (c), (c)(4), 60.705(k)-(1), (l)(1)-(2), (s)
	GRPL7PF	60RRR-04	VOC/TOC	60.703(c), (c)(1), (c)(1)(i), 63.704(a)-(b), (b)(1)-(3), [G](b)(4)	60.703(c)(1), 60.705(b), (b)(2)(i), (c), 60.705(c)(4), (d)(1), (s)	60.705(a)-(b), (b)(2)(i), (c), (c)(4), 60.705(k)-(1), (l)(1)-(2), (s)
	GRPL7PF	60RRR-05	VOC/TOC	60.703(c), (c)(1), (c)(1)(i), 63.704(a)-(b), (b)(1)-(3), [G](b)(4)	60.703(c)(1), 60.705(b), (b)(2)(i), (c), 60.705(c)(4), (d)(1), (s)	60.705(a)-(b), (b)(2)(i), (c), (c)(4), 60.705(k)-(1), (l)(1)-(2), (s)
	OC2L8GF500	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	OC2L8GF500	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC2L8GF500	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	OC2L8GF500	63A-01	HAPS	63.11(b)(4)-(5), (b)(7)(i)	NONE	NONE
	OC2L8GF500	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6FL066A	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6FL066A	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6FL066B	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6FL066B	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6FL166A	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6FL166A	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6FL166B	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6FL166B	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8CT800	R5760-01	HRVOC	115.764(a)(3), [G](a)(6), (c), 115.764(e)(2)	115.766(a)(1)-(3), (a)(5)-(6), (c), [G]115.766(f), (i)(1)	115.766(i)(2)
	OC6L8D069	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	OC6L8D069	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8D069	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D1015	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8D1015	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D1080	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8D1080	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D1081	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8D1081	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D1180	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8D1180	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D1181	R5140-01	VOC	[G]115.142(1)(H), [G]115.144(1), (3)(A), (5), 115.145, (1), (10), [G](2)-(3), 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(A), 115.146(1)-(4)	NONE
	OC6L8D1181	R5140-02	VOC	115.145, (1), [G](2)-(3), (4)-(7), 115.145(9)-(10), [G]115.148	115.146(1)-(4)	115.143(a)
	OC6L8D1181	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)

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Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8D1181	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D1540	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	OC6L8D169	R5140-01	VOC	[G]115.142(1)(H), [G]115.144(1), (3)(A), (5), 115.145, (1), (10), [G](2)-(3), 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(A), 115.146(1)-(4)	NONE
	OC6L8D169	R5140-02	VOC	115.145, (1), [G](2)-(3), (4)-(7), 115.145(9)-(10), [G]115.148	115.146(1)-(4)	115.143(a)
	OC6L8D169	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8D169	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D230	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8D27	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	OC6L8D280	R5140-01	VOC	[G]115.142(1)(H), [G]115.144(1), (3)(A), (5), 115.145, (1), (10), [G](2)-(3), 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(A), 115.146(1)-(4)	NONE
	OC6L8D280	R5140-02	VOC	115.145, (1), [G](2)-(3), (4)-(7), 115.145(9)-(10), [G]115.148	115.146(1)-(4)	115.143(a)
	OC6L8D301	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	OC6L8D433	R5131-01	VOC	[G]115.135(a), 115.136(a)(3)-(4)	115.136(a)(3)-(4)	NONE
	OC6L8D906	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8D91	R5112-01	VOC	115.115(a), (a)(1), 115.116(a)(1), [G]115.117	115.118(a)(4), (a)(4)(A), (a)(5), (a)(7)	NONE
	OC6L8D97	R5112-01	VOC	NONE	NONE	NONE
	OC6L8D97	R5112-02	VOC	115.115(a), (a)(1), 115.116(a)(1), [G]115.117	115.118(a)(4), (a)(4)(A), (a)(5), (a)(7)	NONE

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8D97	63EEEE-01	HAPS	NONE	63.2390(a)	[G]63.2343(b)(1)(ii), (d)(1)-(2), 63.2386(d)(3)(i), (d)(4)(i)
	OC6L8F1	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	OC6L8F1	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)
	OC6L8F1	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	OC6L8F1	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8F1018	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	OC6L8F1018	R5720-01	HRVOC	[G]115.725(d)(1), (d)(2), 115.725(d)(2)(A)(i), [G]115.725(d)(2)(A)(ii), 115.725(d)(2)(A)(iii)-(iv), 115.725(d)(2)(B), 115.725(d)(2)(B)(i)-(iv), 115.725(d)(3)-(7), [G](l), (n)	115.726(a)(1), (a)(1)(A), (d)(1)-(4), 115.726(i), (j), (j)(1)-(2)	115.725(n), 115.726(a)(1)(B)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8F1018	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	OC6L8F1018	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8F902	R1111-01	Opacity	111.111(a)(4)(A)(i)-(ii)	111.111(a)(4)(A)(ii)	NONE
	OC6L8F902	R5720-01	HRVOC	NONE	115.726(e)(3)(B), (j)(2)	NONE
	OC6L8F902	60A-01	Opacity	60.18(d), (f)(1)-(4)	NONE	NONE
	OC6L8FU01	R5780-ALL	HRVOC	ALL	ALL	ALL
	OC6L8FU01	R5352-ALL	VOC	ALL	ALL	ALL
	OC6L8FU01	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8FU11	R5352-ALL	VOC	ALL	ALL	ALL
	OC6L8FU11	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8GE03	R7ICI-01	NO _x	117.8140(a), (a)(3)	117.340(j), [G]117.345(f)(6)	NONE

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8GE03	63ZZZZ-01	HAPS	63.6625(f), (i), 63.6640(a), 63.6640(a)-Table 6.9.a.i-ii	63.6625(i), 63.6655(d)-(f), 63.6660(a)-(c)	63.6640(e), 63.6650(f)
	OC6L8LR1	R5211-01	VOC	115.212(a)(3)(B), 115.213(b), 115.213(b)(1), 115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, 115.215(1), (10), [G](2), (4), (9)	115.213(b)(1), 115.216, (2), (3)(A), 115.216(3)(A)(i)-(iii), (3)(B)	115.213(b)(1)-(4)
	OC6L8LR1	R5211-02	VOC	115.214(a)(1)(A), (a)(1)(A)(i), 115.215, (4)	115.216, (2), (3)(B)	NONE
	OC6L8R44A	60RRR-01	VOC/TOC	NONE	NONE	60.705(r)
	OC6L8R44B	60RRR-01	VOC/TOC	NONE	NONE	60.705(r)
	OC6L8RX1	R5121-01	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2), (7)	115.126, (1), (1)(B), (2)	NONE
	OC6L8RX1	R5121-02	VOC	[G]115.125, 115.126(2), (7)	115.126, (2)	NONE
	OC6L8RX2	R5121-01	VOC	[G]115.125, 115.126(1), (1)(A), 115.126(1)(A)(i), (2)	115.126, (1), (1)(A), (1)(A)(i), (2)	NONE
	OC6L8RX2	R5121-02	VOC	[G]115.125, 115.126(2), (7)	115.126, (2)	NONE
	OC6L8RX3	R5121-01	VOC	[G]115.125, 115.126(2), (7)	115.126, (2)	NONE

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8RX3	R5121-02	VOC	[G]115.125, 115.126(1), (1)(B), 115.126(2)	115.126, (1), (1)(B), (2)	NONE
	OC6L8RX4	R5121-01	VOC	[G]115.125, 115.126(2), (7)	115.126, (2)	NONE
	OC6L8S068	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8S068	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8S168	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8S168	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8ST01A	R5112-01	VOC	115.114(a)(2)-(4), (a)(4)(A), [G]115.117	115.118(a)(3), (a)(5), (a)(6)(C), (a)(7)	115.114(a)(2)(B), (a)(4)(B), 115.118(a)(3)
	OC6L8ST01A	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability

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Table 1b: Additions**

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8ST01B	R5112-01	VOC	115.114(a)(2)-(4), (a)(4)(A), [G]115.117	115.118(a)(3), (a)(5), (a)(6)(C), (a)(7)	115.114(a)(2)(B), (a)(4)(B), 115.118(a)(3)
	OC6L8ST01B	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8ST505	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	OC6L8ST901	R5112-01	VOC	115.114(a)(2)-(4), (a)(4)(A), [G]115.117	115.118(a)(3), (a)(5), (a)(6)(C), (a)(7)	115.114(a)(2)(B), (a)(4)(B), 115.118(a)(3)
	OC6L8ST901	60Ka-01	VOC	60.113a(a)(1), (a)(1)(i), 60.113a(a)(1)(i)(A)-(E), 60.113a(a)(1)(ii)(A)-(C), 60.113a(a)(1)(iii)-(iv), 60.115a(a)-(b)	60.113a(a)(1)(i)(D), 60.115a(a)	60.113a(a)(1)(i)(E), (a)(1)(iv)
	OC6L8ST901	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8ST916	R5112-01	VOC	NONE	NONE	NONE
	OC6L8T070	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8T070	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8T170	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8T170	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8V1005	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), (a)(7)	NONE
	OC6L8V1020	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8V1020	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	OC6L8V1905	R5112-01	VOC	115.114(a)(2)-(4), (a)(4)(A), [G]115.117	115.118(a)(3), (a)(5), (a)(6)(C), (a)(7)	115.114(a)(2)(B), (a)(4)(B), 115.118(a)(3)

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company	Area Name: Hydrocarbons	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC6L8V1905	61FF-01	Benzene	[G]60.113b(b)(1)-(2), (b)(3)-(4), 60.113b(b)(4)(i), (b)(4)(i)(A)-(B) [G]60.113b(b)(4)(iii), (b)(5), [G]60.113b(b)(6)	60.115b, [G](b)(3), 61.356(k)	60.113b(b)(4)(iii), (b)(5), 60.113b(b)(6)(ii), 60.115b, (b)(1), [G]60.115b(b)(2), (b)(4), 61.357(e)-(f)
	OC6L8V1905	63YY-01	HAPS	General High-Level Applicability	General High-Level Applicability	General High-Level Applicability
	OC6L8V280	61FF-01	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(f)(1), [G]61.355(h)	61.349(a)(1)(ii), 61.356(d), (f), 61.356(f)(1)-(2), (f)(2)(i), (f)(2)(i)(H), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(12)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(J)
	OC6L8V280	61FF-02	Benzene	63.343(a)(1)(i)(A), (c), 61.349(a)(1)(i)-(ii), (e)-(f), 61.354(c), (c)(3), (f)(1), [G](h), 60.18(f)(2)	61.349(a)(1)(ii), 61.354(c), 61.354(c)(3), 61.356(d), (f), (f)(1), 61.356(g)-(h), (j), (j)(1)-(3), (j)(3)(i), 61.356(j)(7)	61.357(d)(7), (d)(7)(iv), 61.357(d)(7)(iv)(F)
	PROL7FF	61FF-01	Benzene	61.348(e)(1), (f), 61.354(a)(2), 61.355(e), (e)(1)-(4)	61.354(a)(2), 61.355(e)(1), 61.356(e), 61.356(e)(1), [G](e)(3), [G](i)	61.357(d)(7), (d)(7)(ii)
	PROL8FF	61FF-01	Benzene	61.348(e)(1), (f), 61.354(a)(2), 61.355(e), (e)(1)-(4)	61.354(a)(2), 61.355(e)(1), 61.356(e), 61.356(e)(1), [G](e)(3), [G](i)	61.357(d)(7), (d)(7)(ii)
	PROSDO	R5460-01	VOC	[G]115.465(1)	115.468(b)(1), (b)(5)	NONE
	PROSDO	R5460-02	VOC	[G]115.465(1)	115.468(b)(1), (b)(5)	NONE

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

Date	Permit No.	Regulated Entity No.
September 30, 2024	O2213	RN100225945

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		B60L7F1	OP-UA7	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Flares are exempt from the provisions of this division
		B60L7F1	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	Flare is not required under 40 CFR 63
		B60L7FU1	OP-UA12	30 TAC Chapter 115, Fugitives Pet Ref B Counties	115.352	Not a specified process
		B60L7FU1	OP-UA12	40 CFR Part 60, Subpart VV	60.480(b)	Facility not constructed or modified after 1/5/81
		B60L7FU1	OP-UA12	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in > 10% benzene service
		B60L7FU1	OP-UA12	40 CFR Part 61, Subpart V	61.240(a)	Not in VHAP service
		B60L7FU1	OP-UA12	40 CFR Part 63, Subpart H	63.160(a)	Not in OHAP service or not in OHAP service for 300 or more hours a year
		B72L7CT1	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	No chromium-based water treatment chemicals on or after September 8, 1994
		B72L7D103	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D108	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1)	Does not store VOC
		B72L7D108	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D108	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons

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		B72L7D108	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		B72L7D108	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D108	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D108	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D108	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D18	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D18	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D18	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		B72L7D18	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D18	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D18	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D18	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart

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		B72L7D18A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D18A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D18A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		B72L7D18A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D18A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D18A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D18A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D18C	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D18C	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D19	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D19	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		B72L7D19	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons

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		B72L7D19	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D19	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D19	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D19	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D2	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D2	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D2	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60, 61, or 63
		B72L7D202	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D202	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D202	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D202	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel

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		B72L7D202	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D202	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D202	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D203B	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D203B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D203B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D203B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D203B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D203B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D203B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D204A	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank

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		B72L7D204A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D204A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D204A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D204A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D204A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D204A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D204B	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D204B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D204B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D204B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D204B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D204B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		B72L7D204B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D204C	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D204C	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D204C	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D204C	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D204C	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D204C	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D204C	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D27	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D27	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D27	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D27	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel

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		B72L7D27	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D27	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D27	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D28	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D28	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D28	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D28	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D28	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D28	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D28	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D450	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Capacity < 40000 gal

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		B72L7D450	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Capacity < 40000 gal
		B72L7D450	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		B72L7D450	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D450	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D450	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D450	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D452	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity is < 1000 gallons
		B72L7D452	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Capacity < 40000 gal
		B72L7D452	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Capacity < 40000 gal
		B72L7D452	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		B72L7D452	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D452	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		B72L7D452	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D511	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D511	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D511	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60, 61, or 63
		B72L7D530A	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity is < 1000 gallons
		B72L7D530A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Capacity < 40000 gal
		B72L7D530A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Capacity < 40000 gal
		B72L7D530A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		B72L7D530A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D530A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		B72L7D530A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D6	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D6	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D6	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D6	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D6	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D6	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D6	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D63	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D63	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D63	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D63	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel

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		B72L7D63	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D63	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D63	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D6A	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D6A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D6A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D6A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D6A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D6A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D6A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D7	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank

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		B72L7D7	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D7	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D7	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D7	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D7	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D7	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D77	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7D77	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7D77	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7D77	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7D77	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D77	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		B72L7D77	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D80	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Capacity < 40000 gal
		B72L7D80	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Capacity < 40000 gal
		B72L7D80	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		B72L7D80	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B72L7D80	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D80	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D80	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7D81	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Capacity < 40000 gal
		B72L7D81	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Capacity < 40000 gal
		B72L7D81	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		B72L7D81	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste

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		B72L7D81	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7D81	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7D81	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7DF1	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7DF1A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(8)	Storage capacity is < 1000 gallons
		B72L7DF1A	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Capacity < 40000 gal
		B72L7DF1A	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Capacity < 40000 gal
		B72L7DF1A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		B72L7DF1A	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7DF1A	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7DF1A	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart

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		B72L7DF2	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7DF2B	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		B72L7DF2B	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7DF2B	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7DF2B	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7DF2B	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7DF2B	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7DF2B	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7F2	OP-UA7	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Flares are exempt from the provisions of this division
		B72L7F2	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	Flare is not required under 40 CFR 63
		B72L7FU1	OP-UA12	40 CFR Part 60, Subpart VV	63.160(b)(1)	The unit is subject to 40 CFR Part 60, Subpart VV and 40 CFR Part 63, Subpart YY (MACT YY) but complies with MACT YY only per 63.1100(g)(4)(i)

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		B72L7FU1	OP-UA12	40 CFR Part 61, Subpart J	63.160(b)(2)	The unit is subject to 40 CFR Part 61, Subpart J and 40 CFR Part 63, Subpart YY (MACT YY) but complies with MACT YY only per 63.1100(g)(4)(i)
		B72L7FU1	OP-UA12	40 CFR Part 61, Subpart V	63.1100(g)(4)	The unit is subject to 40 CFR Part 61, Subpart V and 40 CFR Part 63, Subpart YY (MACT YY) but complies with MACT YY only per 63.1100(g)(4)(i)
		B72L7R38	OP-REQ2	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		B72L7R38	OP-REQ2	40 CFR Part 61, Subpart RRR	60.700(b)	No construction, reconstruction or modification after June 29, 1990
		B72L7R60A	OP-REQ2	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		B72L7R60A	OP-REQ2	40 CFR Part 61, Subpart RRR	60.700(b)	No construction, reconstruction or modification after June 29, 1990
		B72L7R60B	OP-REQ2	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		B72L7R60B	OP-REQ2	40 CFR Part 61, Subpart RRR	60.700(b)	No construction, reconstruction or modification after June 29, 1990
		B72L7R60C	OP-REQ2	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		B72L7R60C	OP-REQ2	40 CFR Part 61, Subpart RRR	60.700(b)	No construction, reconstruction or modification after June 29, 1990
		B72L7S206	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank

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		B72L7S206	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		B72L7S206	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		B72L7S206	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		B72L7S206	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B72L7S206	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7S206	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7SC02	OP-UA16	40 CFR Part 63, Subpart T	63.460(a)	Solvent contains < 5% by wt listed halogenated chemicals
		B72L7SP203	OP-UA14	40 CFR Part 61, Subpart FF	61.340(d)	Waste management unit, treatment process, or wastewater treatment system that is routed to a fuel gas system
		B72L7SP203	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		B72L7SP203	OP-UA14	40 CFR Part 63, Subpart VV	63.104	No applicable subparts within 60, 61 or 63 reference this subpart
		B72L7T101	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83

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		B72L7T51	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T52	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T53A	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T53B	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T54A	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T54B	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T71	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		B72L7T72	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(b)	Constructed before 12/30/83
		BSRSR617	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSR617	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSR617	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		BSRSR617	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSR617	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		BSRSR617	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		BSRSRD404	OP-REQ2	40 CFR Part 61, Subpart J	61.110(a)	This is not a benzene producing facility
		BSRSRF200	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)(1)	The flare does not control emissions from sources subject to 40 CFR Parts 60 or 61
		BSRSRF200	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		BSRSRF402	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		BSRSRFMNF	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)(1)	The flare does not control emissions from sources subject to 40 CFR Parts 60 or 61
		BSRSRFMNF	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		BSRSRFMW1	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)(1)	The flare does not control emissions from sources subject to 40 CFR Parts 60 or 61
		BSRSRFMW1	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		BSRSRFUBRK	OP-UA12	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	The site does not contain a synthetic organic chemical manufacturing process, or natural gas/gasoline processing, or a petroleum refinery

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		BSRSRFUDOW	OP-UA12	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	The site does not contain a synthetic organic chemical manufacturing process, or natural gas/gasoline processing, or a petroleum refinery
		BSRSRFUDOW	OP-UA12	40 CFR Part 61, Subpart J	61.110(a)	The source does not operate in benzene service
		BSRSRFUDOW	OP-UA12	40 CFR Part 61, Subpart V	61.240(a)	The source does not operate in volatile hazardous air pollutants (VHAP) service
		BSRSRFUSTV	OP-UA12	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	The site does not contain a synthetic organic chemical manufacturing process, or natural gas/gasoline processing, or a petroleum refinery
		BSRSRFUSTV	OP-UA12	40 CFR Part 61, Subpart J	61.110(a)	The source does not operate in benzene service
		BSRSRFUSTV	OP-UA12	40 CFR Part 61, Subpart V	61.240(a)	The source does not operate in volatile hazardous air pollutants (VHAP) service
		BSRSRH575	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	The unit is neither a solid fossil fuel-fired steam generator nor a liquid fossil fuel-fired steam generator, furnace or heater
		BSRSRH628	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	The unit is neither a solid fossil fuel-fired steam generator nor a liquid fossil fuel-fired steam generator, furnace or heater
		BSRSRH628	OP-UA5	30 TAC Chapter 117, Commercial	117.303(a)(9)	The maximum rated capacity of the boiler is less than 2.0 MMBtu/hr
		BSRSRH628	OP-UA5	40 CFR Part 60, Subpart D	60.40(a)(1)	The heat input rate of the unit is less than 250 MMBtu/hr

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		BSRSRH628	OP-UA5	40 CFR Part 60, Subpart Da	60.40a(a)	This is not an electric utility steam generating unit
		BSRSRH628	OP-UA5	40 CFR Part 60, Subpart Db	60.40b(a)	The heat input capacity of the unit is less than 100 MMBtu/hr
		BSRSRH628	OP-UA5	40 CFR Part 60, Subpart Dc	60.40c(a)	The maximum design heat input capacity of the unit is less than 10 MMBtu/hr
		BSRSRHDHT	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	The unit is neither a solid fossil fuel-fired steam generator nor a liquid fossil fuel-fired steam generator, furnace or heater
		BSRSRHET1	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	The unit is neither a solid fossil fuel-fired steam generator nor a liquid fossil fuel-fired steam generator, furnace or heater
		BSRSRHET2	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	The unit is neither a solid fossil fuel-fired steam generator nor a liquid fossil fuel-fired steam generator, furnace or heater
		BSRSROE1	OP-UA7	40 CFR Part 60, Subpart A	60.18(a)(1)	The flare does not control emissions from sources subject to 40 CFR Parts 60 or 61
		BSRSROE1	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		BSRSRPLHC1	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		BSRSRPLHC1	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids

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		BSRSRPLHC1	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	The vessel has a capacity greater than 39,900 gallons and stores a VOL with a maximum true vapor pressure less than 0.5 psia
		BSRSRPLHC1	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRPLHC1	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		BSRSRPLHC1	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		BSRSRPLHC2	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		BSRSRPLHC2	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		BSRSRPLHC2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	The vessel has a capacity greater than 39,900 gallons and stores a VOL with a maximum true vapor pressure less than 0.5 psia
		BSRSRPLHC2	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRPLHC2	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		BSRSRPLHC2	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		BSRSRS401	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRS401	OP-UA14	40 CFR Part 61, Subpart J	61.110(a)	This is not a benzene producing facility

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		BSRSRS401	OP-UA14	40 CFR Part 61, Subpart V	61.240(a)	The source does not operate in volatile hazardous air pollutants (VHAP) service
		BSRSRS401	OP-UA14	40 CFR Part 63, Subpart VV	63.104	No applicable subpart of 40 CFR Parts 60, 61 or 63 references the use of 40 CFR Part 63, Subpart VV
		BSRSRSC01	OP-UA16	40 CFR Part 63, Subpart T	63.460(a)	The solvent cleaning machine uses halogenated HAP solvents, in a total concentration less than 5 percent by weight, as a cleaning and/or drying agent
		BSRSRSC301	OP-UA16	40 CFR Part 63, Subpart T	63.460(a)	The solvent cleaning machine uses halogenated HAP solvents, in a total concentration less than 5 percent by weight, as a cleaning and/or drying agent
		BSRSRST202	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.111(a)(3)	Storage tank capacity is less than 25,000 gallons and only in motor vehicle fuel dispensing service
		BSRSRST202	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRST202	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRST202	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		BSRSRST202	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRST202	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		BSRSRST202	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart

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		BSRSRST615	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRST615	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRST615	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		BSRSRST615	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRST615	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		BSRSRST615	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		BSRSRST616	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRST616	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRST616	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		BSRSRST616	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRST616	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		BSRSRST616	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		BSRSRSTV	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons

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		BSRSRSTV	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons
		BSRSRSTV	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel capacity is less than 19,800 gallons
		BSRSRSTV	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		BSRSRSTV	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		BSRSRSTV	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		GRP1L8PF	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fossil fuel-fired steam generator and not a liquid fuel-fired steam generator, furnace or heater
		GRP1L8PF	OP-UA5	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		GRP1L8PF	OP-UA5	40 CFR Part 61, Subpart RRR	60.700(b)	No construction, reconstruction or modification after June 29, 1990
		GRP2L8PF	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fossil fuel-fired steam generator and not a liquid fuel-fired steam generator, furnace or heater
		GRP2L8PF	OP-UA5	30 TAC Chapter 117, Commercial	117.303(a)(4)	Constructed after June 9, 1993 and not a functionally identical replacement
		GRP2L8PF	OP-UA5	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		GRP7LPF	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fossil fuel-fired steam generator and not a liquid fuel-fired steam generator, furnace or heater

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		OC2L8GF500	OP-UA7	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Flares are exempt from the provisions of division 3
		OC2L8GF500	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		OC6FL066A	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6FL066A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6FL066A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6FL066A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6FL066A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6FL066A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6FL066A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6FL066B	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6FL066B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6FL066B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel

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		OC6FL066B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6FL066B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6FL066B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6FL066B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6FL166A	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6FL166A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6FL166A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6FL166A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6FL166A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6FL166A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6FL166A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart

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		OC6FL166B	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6FL166B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6FL166B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6FL166B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6FL166B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6FL166B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6FL166B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8CT800	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	No chromium-based water treatment chemicals on or after September 8, 1994
		OC6L8D069	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D069	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8D1015	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank

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		OC6L8D1015	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8D1015	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8D1015	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8D1015	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D1015	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D1015	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D1080	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8D1080	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8D1080	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8D1080	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8D1080	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D1080	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		OC6L8D1080	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D1081	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8D1081	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8D1081	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8D1081	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8D1081	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D1081	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D1081	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D1180	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8D1180	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8D1180	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8D1180	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel

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		OC6L8D1180	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D1180	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D1180	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D1181	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D1181	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8D1540	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage capacity < 40000 gal
		OC6L8D1540	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage capacity < 40000 gal
		OC6L8D1540	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		OC6L8D1540	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		OC6L8D1540	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D1540	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		OC6L8D1540	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D169	OP-UA19	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D169	OP-UA19	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8D230	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8D230	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8D230	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8D230	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8D230	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D230	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D230	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart

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		OC6L8D27	OP-UA14	40 CFR Part 61, Subpart FF	61.340(d)	Waste management unit, treatment process, or wastewater treatment system that is route to a fuel gas system
		OC6L8D27	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D27	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8D301	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		OC6L8D301	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D301	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8D906	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8D906	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8D906	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8D906	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8D906	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene

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		OC6L8D906	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D906	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D91	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage capacity < 40000 gal
		OC6L8D91	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage capacity < 40000 gal
		OC6L8D91	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		OC6L8D91	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		OC6L8D91	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D91	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D91	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8D97	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Storage capacity < 40000 gal
		OC6L8D97	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage capacity < 40000 gal
		OC6L8D97	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons

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		OC6L8D97	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8D97	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8D97	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8F1	OP-UA7	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Flares are exempt from the provisions of division 3
		OC6L8F1	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		OC6L8F1018	OP-UA7	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Flares are exempt from the provisions of division 3
		OC6L8F1018	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		OC6L8F902	OP-UA7	30 TAC Chapter 117, Subchapter B	117.303(a)(4)	Flares are exempt from the provisions of division 3
		OC6L8F902	OP-UA7	40 CFR Part 63, Subpart A	63.11(a)	The flare is not required by a subpart under 40 CFR Part 63
		OC6L8FU01	OP-UA12	40 CFR Part 60, Subpart VV	63.1100	NSPS VV superseded by 40 CFR 63 Subpart UU as referenced by 40 CFR 63 Subpart YY
		OC6L8FU01	OP-UA12	40 CFR Part 61, Subpart J	63.1100	NESHAP J superseded by 40 CFR 63 Subpart UU as referenced by 40 CFR 63 Subpart YY

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		OC6L8FU01	OP-UA12	40 CFR Part 61, Subpart V	63.1100	NESHAP V superseded by 40 CFR 63 Subpart UU as referenced by 40 CFR 63 Subpart YY
		OC6L8FU01	OP-UA12	40 CFR Part 63, Subpart H	63.160(a)	Not in OHAP service or not in OHAP service for 300 or more hours a year
		OC6L8FU11	OP-UA12	40 CFR Part 60, Subpart VV	63.1100	NSPS VV superseded by 40 CFR 63 Subpart UU as referenced by 40 CFR 63 Subpart YY
		OC6L8FU11	OP-UA12	40 CFR Part 61, Subpart J	63.1100	NESHAP J superseded by 40 CFR 63 Subpart UU as referenced by 40 CFR 63 Subpart YY
		OC6L8FU11	OP-UA12	40 CFR Part 61, Subpart V	63.1100	NESHAP V superseded by 40 CFR 63 Subpart UU as referenced by 40 CFR 63 Subpart YY
		OC6L8FU11	OP-UA12	40 CFR Part 63, Subpart H	63.160(a)	Not in OHAP service or not in OHAP service for 300 or more hours a year
		OC6L8R44A	OP-UA48	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		OC6L8R44B	OP-UA48	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		OC6L8R45A	OP-REQ2	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		OC6L8R45B	OP-REQ2	40 CFR Part 61, Subpart III	60.610(a)	Not an air oxidation reactor
		OC6L8R45B	OP-REQ2	40 CFR Part 61, Subpart RRR	60.700(b)	No construction, reconstruction or modification after June 29, 1990

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		OC6L8RX1	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8RX2	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8RX3	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8RX4	OP-UA15	40 CFR Part 63, Subpart G	63.100(b)(1)	Does not meet the definition of a process vent
		OC6L8S068	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8S068	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8S068	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8S068	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8S068	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8S068	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)

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		OC6L8S068	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8S168	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8S168	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8S168	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8S168	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8S168	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8S168	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8S168	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8SC01	OP-UA16	40 CFR Part 63, Subpart T	63.460(a)	Solvent contains < 5% by wt listed halogenated chemicals
		OC6L8SP114	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.11(a)(8)	Storage tank capacity is less than 1,000 gallons
		OC6L8SP114	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Storage vessel capacity is less than 40,000 gallons
		OC6L8SP114	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Storage vessel capacity is less than 40,000 gallons

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		OC6L8SP114	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage capacity < 19,800 gallons
		OC6L8SP114	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8SP114	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8SP114	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8ST01A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		OC6L8ST01A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		OC6L8ST01A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed prior to July 24, 1984
		OC6L8ST01A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8ST01A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8ST01A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8ST01B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		OC6L8ST01B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids

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		OC6L8ST01B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed prior to July 24, 1984
		OC6L8ST01B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8ST01B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8ST01B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8ST505	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		OC6L8ST505	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		OC6L8ST505	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed prior to July 24, 1984
		OC6L8ST505	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8ST505	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8ST505	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8ST901	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel was constructed/reconstructed/modified prior to 7/23/1984

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		OC6L8ST901	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		OC6L8ST901	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8ST901	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8ST901	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8ST916	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		OC6L8ST916	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		OC6L8ST916	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed prior to July 24, 1984
		OC6L8ST916	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8ST916	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8ST916	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8T070	OP-UA14	30 TAC Chapter 115, Water Separation	115.131(a)	Does not meet the definition of a VOC water separator

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		OC6L8T070	OP-UA14	40 CFR Part 60, Subpart NNN	60.660(a)	Not part of a SOCFMI chemical distillation process unit
		OC6L8T070	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8T070	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8T170	OP-UA14	30 TAC Chapter 115, Water Separation	115.131(a)	Does not meet the definition of a VOC water separator
		OC6L8T170	OP-UA14	40 CFR Part 60, Subpart NNN	60.660(a)	Not part of a SOCFMI chemical distillation process unit
		OC6L8T170	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8T170	OP-UA14	40 CFR Part 63, Subpart VV	63.104	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		OC6L8T28A	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	Oxidation unit does not produce a listed chemical
		OC6L8T28A	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Tower does not meet the definition of distillation operation, i.e., separation is not achieved by redistribution of components between the liquid/vapor phase as they approach equilibrium
		OC6L8T28A	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	Not an affected facility; oxidation reactor

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		OC6L8T28A	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8T28B	OP-REQ2	40 CFR Part 60, Subpart III	60.610(a)	Oxidation unit does not produce a listed chemical
		OC6L8T28B	OP-REQ2	40 CFR Part 60, Subpart NNN	60.660(a)	Tower does not meet the definition of distillation operation, i.e., separation is not achieved by redistribution of components between the liquid/vapor phase as they approach equilibrium
		OC6L8T28B	OP-REQ2	40 CFR Part 60, Subpart RRR	60.700(a)	Not an affected facility; oxidation reactor
		OC6L8T28B	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8TO	OP-REQ2	30 TAC Chapter 111, Incineration	111.121	Incinerator does not combust solid waste
		OC6L8TO	OP-REQ2	30 TAC Chapter 117, Subchapter B	117.400	Incinerators less than 40 MMBtu are exempt from the provisions of the division
		OC6L8TO	OP-REQ2	40 CFR Part 60, Subpart E	60.50a(a)	Incinerator does not combust municipal solid waste
		OC6L8TO	OP-REQ2	40 CFR Part 60, Subpart O	60.150(a)	Incinerator does not combust sewage sludge
		OC6L8TO	OP-REQ2	40 CFR Part 61, Subpart C	61.30(a)	Facility is not a listed stationary source

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		OC6L8TO	OP-REQ2	40 CFR Part 61, Subpart E	61.50	Facility is not a listed stationary source
		OC6L8V1005	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity > 19,800 gallons and < 39,900 gallons with vapor pressure < 2.2 psia
		OC6L8V1005	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		OC6L8V1005	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8V1005	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8V1005	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8V1020	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank
		OC6L8V1020	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8V1020	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8V1020	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8V1020	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene

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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
		OC6L8V1020	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8V1020	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8V1045	OP-REQ2	30 TAC Chapter 115, Industrial Wastewater	115.140(2)	Does not handle affected VOC wastewater stream
		OC6L8V1050	OP-REQ2	30 TAC Chapter 115, Industrial Wastewater	115.140(2)	Does not handle affected VOC wastewater stream
		OC6L8V1905	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		OC6L8V1905	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		OC6L8V1905	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed prior to July 23 1984
		OC6L8V1905	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8V1905	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8V1905	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		OC6L8V280	OP-UA3	30 TAC Chapter 115, Storage of VOCs	115.110(b)	Does not meet the definition of a stationary tank

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		OC6L8V280	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not meet the definition of a storage vessel
		OC6L8V280	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not meet the definition of a storage vessel
		OC6L8V280	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Does not meet the definition of a storage vessel
		OC6L8V280	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		OC6L8V280	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1) or (b)(1)(ii)
		OC6L8V280	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts within 60, 61 or 63 reference this subpart
		PROL7	OP-REQ2	40 CFR Part 63, Subpart F	63.100(b)(1)	Process unit does not produce any of the listed chemicals
		PROL7	OP-REQ2	40 CFR Part 63, Subpart YY	63.1100	Unit does not contain regulated ethylene process vents. SSM vents and vents routed to a fuel gas system are excluded from the definition of a process vent
		PROL8	OP-REQ2	40 CFR Part 63, Subpart F	63.100(b)(1)	Process unit does not produce any of the listed chemicals
		PROL8	OP-REQ2	40 CFR Part 63, Subpart YY	63.1100	Unit does not contain regulated ethylene process vents. SSM vents and vents routed to a fuel gas system are excluded from the definition of a process vent

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		PROSRNG	OP-REQ2	40 CFR Part 63, Subpart HHH	63.127	The facility is the final end user and is not part of the natural gas transmission and storage facilities
		WWCL7	OP-REQ2	30 TAC Chapter 115, Industrial Wastewater	115.140	No affected wastewater streams, VOC concentration < 1000 ppm

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

Date:	September 30, 2024
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For SOP applications, answer ALL questions unless otherwise directed.

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

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

Date:	September 30, 2024
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Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆ a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a. The application area is subject to 30 TAC 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ b. The application area is subject to 30 TAC 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ c. The application area is subject to 30 TAC 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ d. The application area is subject to 30 TAC 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆ 1. The application area includes a nonagricultural process subject to 30 TAC 111.151.	<input 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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Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC 111.205.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" 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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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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input 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 covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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 type="checkbox"/> YES <input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input 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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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)	
◆ 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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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(a)(3)(A) or 115.427(b)(1) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC 115.727(c)(3)(A) - (H).	<input checked="" 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	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H. For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC 117.320.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Adipic Acid Manufacturing	
1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas	
1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines	
◆ 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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 117.2010 or 30 TAC 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC 117.2025 or 30 TAC 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas	
1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with the System Cap in 30 TAC 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters	
1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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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.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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)	
<i>Individual Drain Systems (continued)</i>	
22. The application area has individual drain systems complying with 40 CFR 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input checked="" 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 checked="" type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

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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
Process Wastewater Streams	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.9 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 are includes process wastewater streams complying with 40 CFR 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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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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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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(1)(1) or (1)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<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.9.</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)	
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.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.6 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.9 is "NO," go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area is using an alternative leak monitoring program as described in 40 CFR 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR 63.149(d) and 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR 63.135 as a result of complying with 40 CFR 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR 63.136 as a result of complying with 40 CFR 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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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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	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

◆	5.	<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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Form OP-REQ1: Page 58	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 59	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 60	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 61	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
32. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
38. The application area has individual drain systems complying with 40 CFR 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<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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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
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 67	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR 63.149(d) and 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR 63.2435(b)(1).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA 112(a).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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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.22.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.BB.</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.AA.9 is "NO," go to Question VIII.AA.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.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</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)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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)	
21. The application area includes individual drain systems that are complying with 40 CFR 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. 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
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR 63.962.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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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)	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
FF. Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
GG. Recently Promulgated 40 CFR Part 63 Subparts	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. 40 CFR Part 63, Subpart EEEE (OLD 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 checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆ 1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO," go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆ 1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. 40 CFR Part 63, Subpart EEEE (OLD MACT); 40 CFR Part 63, Subpart YY	
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 checked="" type="checkbox"/> YES <input 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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Form OP-REQ1: Page 81	
XI. Miscellaneous (continued)	
I. GOP Type (Complete this section for GOP applications only)	
◆ 1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H	
◆ 1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <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 .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. 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
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<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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Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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 defined in 40 CFR 64.1. <input type="checkbox"/> YES <input 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 defined in 40 CFR 64.1. <input 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 defined in 40 CFR 64.1. <input type="checkbox"/> YES <input 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
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
◆ 2.	All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. <input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations	
A. Waste Permits with Air Addendum	
◆ 1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. New Source Review (NSR) Authorizations (continued)	
B. Air Quality Standard Permits (continued)	
◆ 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 E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.: PSDTX994M1	Issuance Date: 04/04/2023	Pollutant(s):	
PSD Permit No.: PSDTX994M2	Issuance Date: 09/09/2024 03/07/2023	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.: N274	Issuance Date: 09/09/2024 03/07/2023	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
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.: 20432	Issuance Date: 09/09/2024 03/07/2023	Authorization No.: 161913	Issuance Date: 04/25/2024 01/05/2023
Authorization No.: 22072	Issuance Date: 05/07/2021	Authorization No.: 166672	Issuance Date: 09/11/2023 11/12/2021
Authorization No.: 83841	Issuance Date: 06/24/2020	Authorization No.:	Issuance Date:
Authorization No.: 123731	Issuance Date: 10/04/2023 10/24/2014	Authorization No.:	Issuance Date:
Authorization No.: 144784	Issuance Date: 04/04/2023	Authorization No.:	Issuance Date:

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.371	Version No./Date: 09/04/2000
PBR No.: 106.412	Version No./Date: 09/04/2000
PBR No.: 106.452	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.473	Version No./Date: 09/04/2000
PBR No.: 106.475	Version No./Date: 03/14/1997; 09/04/2000
PBR No.: 106.478	Version No./Date: 09/04/2000
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.532	Version No./Date: 09/04/2000

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Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
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Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	152308	106.261 106.262	07/20/2018
B72L7FU1	154686	106.261 106.262	02/05/2019
B72L7FU1	156270	106.261 106.262	04/18/2019
B72L7FU1	157613	106.261 106.262	08/09/2019
B72L7FU1 B72L7F2	158547	106.261 106.262	10/29/2019
B72L7FU1	159113	106.261 106.262	11/18/2019
B72L7FU1	160358	106.261	03/10/2020
B72L7FU1	161923	106.261 106.262	08/27/2020
B72L7FU1	162615	106.261 106.262	10/06/2020
B72L7FU1	163041	106.261 106.262	11/02/2020
B72L7FU1	164116	106.261 106.262	03/09/2021

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Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
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Unit ID No.	Registration No.	PBR No.	Registration Date
B72L7FU1	165274	106.261 106.262	06/11/2021
B72L7FU1	165805	106.262	07/20/2021
B72L7D81	166260	106.261 106.262	09/08/2021
B72L7FU1	167397	106.261 106.262	12/22/2021
B72L7FU1	169510	106.261	07/28/2022
OC6L8FU01 OC6L8FU11 OC6L8FU12	161951	106.261	08/06/2020
OC6L8FU01 OC6L8FU11 OC6L8FU12	162922	106.261 106.262	10/14/2020
OC6L8FU01 OC6L8FU11	163968	106.261 106.262	02/11/2021
OC6L8FU01	164734	106.261	05/05/2021
OC6L8FU01	165416	106.261 106.262	06/25/2021
OC6L8FU01	166753	106.261	11/10/2021

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Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
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Unit ID No.	Registration No.	PBR No.	Registration Date
OC6L8FU01 <i>OC6L8F1018</i>	170264	106.261	09/30/2022
BSRSRFUBRK BSRSRFUDOW BSRSRFUSTV	152182	106.261	07/13/2018
BSRSRFUSTV	154273	106.261	01/28/2019
OC6L8FU11 OCNTFFU3 BSRSRFUBRK BSRSRST177	157214	106.261 106.262 106.472	06/24/2019
BSRSRFUBRK BSRSRFUSTV	157724	106.261	08/05/2019
BSRSRFUSTV	163128	106.261	11/12/2020
BSRSRFUSTV	170207	106.261	09/19/2022
B56FU01	149923	106.261 106.262	02/02/2018
B56FU01	150865	106.261 106.262	04/17/2018
B56FU01	152663	106.261 106.262	08/22/2018
B56FU01	158062	106.261	09/10/2019

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Unit ID No.	Registration No.	PBR No.	Registration Date
B56FU01	159863	106.261 106.262	02/10/2020
B56FU01	161544	106.261 106.262	06/15/2020
B56FU01	163650	106.261 106.262	01/07/2021
<i>OC6L8FU01</i>	<i>171949</i>	<i>106.261</i> <i>106.262</i>	<i>03/14/2023</i>
<i>OC6L8FU01</i> <i>OC6L8FU11</i>	<i>172813</i>	<i>106.261</i> <i>106.262</i>	<i>06/06/2023</i>
<i>OC6L8FU01</i>	<i>173020</i>	<i>106.261</i> <i>106.262</i>	<i>06/16/2023</i>
<i>OC6L8FU01</i>	<i>173885</i>	<i>106.261</i>	<i>08/25/2023</i>
<i>OC6L8FU01</i>	<i>176418</i>	<i>106.261</i> <i>106.262</i>	<i>07/01/2024</i>
<i>B72L7FU1</i>	<i>171224</i>	<i>106.261</i> <i>106.262</i>	<i>12/19/2022</i>
<i>B72L7FU1</i>	<i>172555</i>	<i>106.261</i> <i>106.262</i>	<i>05/02/2023</i>
<i>B72L7FU1</i>	<i>177229</i>	<i>106.261</i>	<i>08/27/2024</i>

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date
B72L7CT1	106.371 106.472	09/04/2000
B72L7GE02	106.511	09/04/2000
OC6L8CT800	106.371 106.472	09/04/2000
A25SIFU01	106.478	09/04/2000
A25SILRT25	106.473	09/04/2000
A25SISTT25	106.478	09/04/2000
B4SIFU01	106.478	09/04/2000
B4SILRD500	106.473	09/04/2000
B4SISTD500	106.478	09/04/2000
BM54SIFU01	106.478	09/04/2000
BM54SILR30	106.473	09/04/2000
BM54SIST30	106.478	09/04/2000
<i>BSRSRSC01</i> <i>BSRSRSC301</i>	<i>106.454</i>	<i>11/01/2001</i>
<i>BSRSRTL1</i>	<i>106.263</i>	<i>11/01/2001</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
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date
<i>BSRSRVSTV</i>	<i>106.472</i>	<i>09/04/2000</i>

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	152308	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	154686	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	156270	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	157613	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1 B72L7F2	106.261 106.262	158547	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023). The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.
B72L7FU1	106.261 106.262	159113	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	160358	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	161923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	162615	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	163041	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	164116	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261 106.262	165274	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.262	165805	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7D81	106.261 106.262	166260	Maintain records for tank throughput or use FS-2 (EPN B72F1) monitoring equipment requirements. The small flare (B72F1) shall be maintained and operated in accordance with NSR Permit 144784 Special Condition 12 requirements.

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B72L7FU1	106.261 106.262	167397	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
B72L7FU1	106.261	169510	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 144784 SCs 14-17 (Permit Issue Date April 4, 2023).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261	161951	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11 OC6L8FU12	106.261 106.262	162922	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01 OC6L8FU11	106.261 106.262	163968	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	164734	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261 106.262	165416	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).
OC6L8FU01	106.261	166753	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC6L8FU01 <i>OC6L8F1018</i>	106.261	170264	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024). Flare will continue to meet the monitoring and recordkeeping requirements of NSR 20432 SC 23 for minimum net heating value and exit velocity.
BSRSRFUBRK BSRSRFUDOW BSRSRFUSTV	106.261	152182	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021).
BSRSRFUSTV	106.261	154273	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021).
OC6L8FU11 OCNTFFU3 BSRSRFUBRK BSRSRST177	106.261 106.262 106.472	157214	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 20432 SC 19 (Permit Issue Date November 9, 2023). New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021). Maintain records of annual throughput.
BSRSRFUBRK BSRSRFUSTV	106.261	157724	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021).

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
BSRSRFUSTV	106.261	163128	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021).
BSRSRFUSTV	106.261	170207	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28MID, as required by NSR 22072 SC 5 (Permit Issue Date May 7, 2021).
B56FU01	106.261 106.262	149923	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	150865	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	152663	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261	158062	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	159863	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B56FU01	106.261 106.262	161544	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B56FU01	106.261 106.262	163650	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP, as required by NSR 83841 SC 17 (Permit Issue Date June 24, 2020).
B72L7CT1	106.371 106.472	09/04/2000	Cooling Tower (EPN B72CT1) shall be monitored in accordance with the requirements dictated in NSR Permit 144784, Special Condition 13.
B72L7GE02	106.511	09/04/2000	Record operating time with a non-resettable runtime meter.
OC6L8CT800	106.371 106.472	09/04/2000	Cooling Tower (EPN OC6CT800) shall be monitored in accordance with NSR Permit 20432, Special Condition No. 27 (Permit Issue Date September 9, 2024).
A25SIFU01	106.478	09/04/2000	Confirmation facility performs indicated function.
A25SILRT25	106.473	09/04/2000	Maintain records for loading rate.
A25SISTT25	106.478	09/04/2000	Maintain records for tank throughput.
B4SIFU01	106.478	09/04/2000	Confirmation facility performs indicated function.
B4SILRD500	106.473	09/04/2000	Maintain records for loading rate.
B4SISTD500	106.478	09/04/2000	Maintain records for tank throughput.
BM54SIFU01	106.478	09/04/2000	Confirmation facility performs indicated function.
BM54SILR30	106.473	09/04/2000	Maintain records for loading rate.
BM54SIST30	106.478	09/04/2000	Maintain records for tank 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
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>OC6L8FU01</i>	<i>106.261 106.262</i>	<i>171949</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).</i>
<i>OC6L8FU01 OC6L8FU11</i>	<i>106.261 106.262</i>	<i>172813</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).</i>
<i>OC6L8FU01</i>	<i>106.261 106.262</i>	<i>173020</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).</i>
<i>OC6L8FU01</i>	<i>106.261</i>	<i>173885</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).</i>
<i>OC6L8FU01</i>	<i>106.261 106.262</i>	<i>176418</i>	<i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program, 28VHP or AVO, as required by NSR 20432 SCs 18-21 (Permit Issue Date September 9, 2024).</i>
<i>BSRSRSC01 BSRSRSC301</i>	<i>106.454</i>	<i>11/01/2001</i>	<i>Maintain monthly total solvent makeup.</i>
<i>BSRSRTL1</i>	<i>106.263</i>	<i>11/01/2001</i>	<i>Track emissions on a rolling 12-month basis.</i>
<i>BSRSRVSTV</i>	<i>106.472</i>	<i>09/04/2000</i>	<i>Maintain records of tank service.</i>
<i>B72L7FU1</i>	<i>106.261 106.262</i>	<i>171224</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 144784 SCs 14-17 (Permit Issue Date April 4, 2023).</i>

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

Date	Permit Number	Regulated Entity Number
September 30, 2024	O2213	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<i>B72L7FU1</i>	<i>106.261</i> <i>106.262</i>	<i>172555</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 144784 SCs 14-17 (Permit Issue Date April 4, 2023).</i>
<i>B72L7FU1</i>	<i>106.261</i>	<i>177229</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 144784 SCs 14-17 (Permit Issue Date April 4, 2023).</i>

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

Date: September 30, 2024	Regulated Entity No.: RN100225945	Permit No.: O2213
Company Name: The Dow Chemical Company		Area Name: Hydrocarbons

- 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>	

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

Date: September 30, 2024	
Permit No.: O2213	
Regulated Entity No.: RN100225945	
Company Name: The Dow Chemical Company	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <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: September 30, 2024
Permit No.: O2213
Regulated Entity No.: RN100225945
Company Name: The Dow Chemical Company

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ1	N/A	<p>Dow requests updates to unit sources whose UA forms have been updated since the last renewal.</p> <p>In addition, Dow 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 revised in July 2023 (Project #34140).</p> <p>Please update the authorizations for these units on the Form OP-SUMR to match the PBR Supplemental Table.</p>

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

Date: September 30, 2024	
Permit No.: O2213	
Regulated Entity No.: RN100225945	
Company Name: The Dow Chemical Company	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<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-1 – Site Information Summary (Page 1)**

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

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

**Federal Operating Permit Program
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 checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: John Sampson	
RO Title: Senior Vice President	
Employer Name: The Dow Chemical Company	
Mailing Address: 2301 North Brazosport Blvd.	
City: Freeport	
State: TX	
ZIP Code: 77541	
Territory:	
Country: USA	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: 979-238-9977	
Fax No.: 979-235-8116	
Email: TXLES@dow.com	

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>	
Technical Contact Name Prefix: (<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: Joan Huffman	
B. State Representative: Cody Vasut	
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: Hydrocarbons
B. Physical Address: 2301 N Brazosport Blvd
City: Freeport
State: Texas
ZIP Code: 77541
C. Physical Location: 2301 N Brazosport Blvd
D. Nearest City: Freeport
E. State: Texas
F. ZIP Code: 77541

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

X. Application Area Information (continued)
G. Latitude (nearest second): 28° 59' 27"
H. Longitude (nearest second): 95° 24' 27"
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: 168
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Freeport Library
B. Physical Address: 410 Brazosport Blvd
City: Freeport
ZIP Code: 77541
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Crystal Schmidt
Contact Mailing Address: 332 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:

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Routine Emissions							
OC6S1	Pyrolysis Furnace F1	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NO _x	38.54	-			
		SO ₂	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S2	Pyrolysis Furnace F2	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NO _x	38.54	-			
		SO ₂	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			

General Business

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
OC6S3	Pyrolysis Furnace F3	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S4	Pyrolysis Furnace F4	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S5	Pyrolysis	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
	Furnace F5	NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S6	Pyrolysis Furnace F6	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NOx	38.54	-			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S7	Pyrolysis Furnace F7	CO	28.51	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NOx	38.54	-			

General Business

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
		SO2	0.54	-			
		PM	2.27	-			
		PM ₁₀	2.27	-			
		PM _{2.5}	2.27	-			
		VOC (6)	2.08	-			
		Ethylene	0.27	-			
OC6S8	Pyrolysis Furnace F8	CO	25.89	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NOx	22.75	-			
		SO2	0.49	-			
		PM	2.10	-			
		PM ₁₀	2.10	-			
		PM _{2.5}	2.10	-			
		VOC (6)	1.89	-			
		Ethylene	0.25	-			
OC6S9	Pyrolysis Furnace F9	CO	29.59	-	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NOx	26.00	-			
		SO2	0.56	-			

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
		PM	2.08	-			
		PM ₁₀	2.08	-			
		PM _{2.5}	2.08	-			
		VOC (6)	2.16	-			
		Ethylene	0.28	-			
OC6S10	Pyrolysis Furnace F10	CO	25.89	--	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NO _x	22.75	--			
		SO ₂	0.49	--			
		PM	2.10	--			
		PM ₁₀	2.10	--			
		PM _{2.5}	2.10	--			
		VOC (6)	1.89	--			
		Ethylene	0.25	-			
OC6S1, OC6S2, OC6S3, OC6S4, OC6S5, OC6S6, OC6S7,	Furnace Source Group Cap (Does not include F-9 decoking)	CO	--	195.82	3, 5, 13, 28, 31, 32	3, 5, 13, 28, 32, 33	3, 5, 28, 32
		NO _x	--	857.60			
		SO ₂	--	4.50			
		PM	--	43.86			

General Business

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
OC6S8, OC6S9, and OC6S10		PM ₁₀	--	43.86			
		PM _{2.5}	--	43.86			
		VOC (6)	--	60.77			
		Ethylene	-	2.07			
OC6F902	FS-902 Tank Farm Vent Flare	CO	15.29	47.89	3, , 5, 13, 23, 24	3, , 5, 13, 23, 24, 33	3, , 5
		NO _x	1.78	5.58			
		SO ₂	0.39	0.05			
		VOC	1.64	5.15			
OC6F1	FS-1 Elevated Flare (8)	CO	272.27	-	3, , 5, 13, 23, 24	3, , 5, 13, 23, 24, 33	3, , 5
		NO _x	53.43	-			
		SO ₂	11.46	-			
		VOC (6)	148.14	-			
		Ethylene	143.90	-			
		Propylene	138.12	-			
OC6F1018	FS-1018 Vent Flare #1	CO	37.53	19.97	3, 4, 5, 13, 23, 24	3, 4, 5, 13, 23, 24, 33	3, 4, 5
		NO _x	7.37	3.92			
		SO ₂	.027	0.07			

Commented [SC(1)]: Removing since this flare is not applicable to 61FF. Let me know if you think we should keep for 61A applicability.

Commented [SC(2)]: Removing since this flare is not applicable to 61FF. Let me know if you think we should keep for 61A applicability.

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274					Issuance Date: March 7, 2023 September 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
		VOC (6)	17.55	2.44			
		Ethylene	2.06	0.63			
		Propylene	2.07	0.29			
OC2F500	GF-500 Multipoint Ground Flare (8)	CO	117.91	-	3, , 5, 13, 23, 24	3, , 5, 13, 23, 24, 33	3, , 5
		NO _x	23.14	-			
		SO ₂	10.68	-			
		VOC (6)	145.16	-			
		Ethylene	143.90	-			
		Propylene	138.12	-			
OC6F1, OC2F500	Flare Source Group Cap (7)	CO	-	187.47	3, 4, 5, 13, 22, 23, 24,	3, 4, 5, 13, 22, 23, 24, , 33	3, 4, 5,
		NO _x (NA)	-	36.79			
		SO ₂	-	0.92			
		VOC (6)	-	25.18			
		Ethylene	-	8.65			
		Propylene	-	5.33			
OC6S2000	FX-2000 Thermal Oxidizer (8)	CO	1.00	4.38	3, 4, 5, 13, 22, , 24, 31, 32	3, 4, 5, 13, 22, 23, 24, 32, 33	3, 4, 5, 32
		NO _x	1.50	6.57			

Commented [SC(3)]: Removing since this flare is not applicable to 61FF. Let me know if you think we should keep for 61A applicability.

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274					Issuance Date: March 7, 2023 September 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	10.59	0.43			
		PM	0.07	0.33			
		PM ₁₀	0.07	0.33			
		PM _{2.5}	0.07	0.33			
		VOC (6)	0.54	0.93			
		Ethylene	0.20	0.39			
		Propylene	0.20	0.20			
OC6ST1101A	Storage Tank V-1101A	VOC	3.61	-	3, 14, 43	3, 14, 33, 43, 44	3, 14
OC6ST1101B	Storage Tank V-1101B	VOC	3.61	-	3, 14, 43	3, 14, 33, 43, 44	3, 14
OC6ST1901	Storage Tank V-1901	VOC	2.25	-	3, 14, 43	3, 14, 33, 43, 44	3, 14
OC6ST1905	Storage Tank V-1905	VOC	1.84	-	3, 4, 14, 43	3, 4, 14, 33, 43, 44	3, 4, 14
OC6ST1101A, OC6ST1101B, OC6ST1901, OC6ST1905	Storage Tanks Source Group Cap	VOC	-	23.50	3, 4, 14, 43	3, 4, 14, 33, 43, 44	3, 4, 14
OC6V1005	Storage Tank V-1005	VOC	0.04	<0.01	3, 4	3, 4, 33	3, 4
OC6CT800	CT-800	VOC	4.54	15.90	5, 26, 27	5, 27, 33	5, 27

General Business

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274					Issuance Date: March 7, 2023 September 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
	Cooling Tower	PM	3.65	6.74			
		PM ₁₀	0.57	2.48			
		PM _{2.5}	<0.01	0.03			
OC6FU01	Process Area Fugitives (5)	VOC	9.05	-	3, 4, 5, 18, 19, 20, 21	3, 4, 5, 19, 21, 33	3, 4, 5, 19
		Cl ₂	<0.01	-			
		HCl	<0.01	-			
OC6FU11	South Tank Farm #1 Fugitives (5)	VOC	0.65	-	3, 4, 5, 18, 19, 20, 21	3, 4, 5, 19, 21, 33	3, 4, 5, 19
OC6FU01, OC6FU11,	Fugitive Source Group Cap (5)	VOC	-	42.46	3, 4, 5, 17, 18, 19, 20, 21	3, 4, 5, 19, 21, 33	3, 4, 5, 19
		Cl ₂	-	0.04			
		HCl	-	0.01			
OC6GE03	Emergency Diesel Generator	CO	2.34	0.12		33	
		NO _x	10.85	0.54			
		SO ₂	0.72	0.04			
		PM	0.77	0.04			

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
		PM ₁₀	0.77	0.04			
		PM _{2.5}	0.77	0.04			
		VOC	0.86	0.04			
OC6SC01	OC-602 Degreasing	VOC	0.31	1.34		33	
OC6V1	Decoking vent F-9	CO	94.50	2.55		33	
		PM	21.00	0.54			
		PM ₁₀	21.00	0.54			
		PM _{2.5}	21.00	0.54			
Furnace Source Group Cap, Flare Source Group Cap, Storage Tanks Source Group Cap, Fugitive Source Group Cap, OC6F902, OC6F1018, OC6S2000, OC6V1005,	Routine Emissions Compliance Cap	CO	396.94	263.20		33	
		NO _x	277.82	877.40			
		SO ₂	7.20	5.17			
		PM	48.23	50.27			
		PM ₁₀	48.23	50.27			
		PM _{2.5}	48.23	50.27			

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
OC6CT800, OC6GE03, OC6SC01 and OC6V1		VOC	66.74	129.60			
		Cl ₂	0.01	0.04			
		HCl	0.01	0.05			
Maintenance, Startup, and Shutdown Emissions							
OC6S1	Pyrolysis Furnace F1 MSS	CO	224.42	-			-
OC6S2	Pyrolysis Furnace F2 MSS	CO	224.42	-			-
OC6S3	Pyrolysis Furnace F3 MSS	CO	224.42	-			-
OC6S4	Pyrolysis Furnace F4 MSS	CO	224.42	-			-
OC6S5	Pyrolysis Furnace F5 MSS	CO	224.42	-			-
OC6S6	Pyrolysis Furnace F6 MSS	CO	224.42	-			-
OC6S7	Pyrolysis Furnace F7 MSS	CO	224.42	-			-

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
OC6S8	Pyrolysis Furnace F8 MSS	CO	224.42	-			-
OC6S9	Pyrolysis Furnace F9 MSS	CO	224.42	-			-
OC6S10	Pyrolysis Furnace F10 MSS	CO	224.42	-			-
OC6F1	Flare MSS (FS-1)	CO	4927.07	-	23, , 46	23, 39, 40, 41, 46	-
		NO _x	956.35	-			
		SO ₂	0.45	-			
		VOC (6)	8467.00	-			
		Ethylene	3120.00	-			
	Propylene	1200.00	-				
OC2F500	Flare MSS (GF-500)	CO	1168.39	-	23, 39, 40, 41, 46	23, 39, 40, 41, 46	-
		NO _x	225.75	-			
		SO ₂	0.45	-			

General Business

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC (6)	1432.05	-			
		Ethylene	834.95	-			
		Propylene	660.00	-			
OC6F1, OC2F500	Flare MSS Emissions Annual Cap	CO	-	78.90	23, 39, 40, 41, 46	23, 39, 40, 41, 46	-
		NO _x	-	15.32			
		SO ₂	-	<0.01			
		VOC (6)	-	74.74			
		Ethylene	-	37.11			
		Propylene	-	22.15			
OC6S9	Furnace Purge, H-9	CO	0.01	0.01			-
		VOC	0.04	0.01			
OC6MEFU1	Attachment A Activities	VOC	0.09	0.01	39, 40, 41, 42	39, 40, 41, 42	-
	Attachment B Activities	VOC	3.65	0.11			
	Equipment Opening (Attachment C)	VOC	283.73	0.49			

Major NSR Summary Table

Permit Number: 20432, PSDTX994M2, and N274				Issuance Date: March 7, 2023 September 9, 2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements Special Condition/Application Information	Recordkeeping Requirements Special Condition/Application Information	Reporting Requirements Special Condition/Application Information
			lbs/hour	TPY (4)			
OC6TOT	Portable Thermal Oxidizer	CO	1.00	0.20	39, , 46	39, 40, 41, 46	-
		NO _x	1.20	0.24			
		PM	0.08	0.02			
		PM ₁₀	0.08	0.02			
		PM _{2.5}	0.08	0.02			
		SO ₂	0.07	0.04			
		VOC	1.64	0.12			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 Cl₂ - Chlorine
 HCl - Hydrogen Chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) VOC emission rates include the ethylene and/or propylene HRVOC emissions.
- (7) The flare emissions authorized through this Permit are only the emissions from The Dow Chemical Company's Light Hydrocarbons (LHC)-8 Unit. Emissions resulting from the waste stream from Braskem America, Inc.'s NSR Permit 37884 controlled by any of the flares are authorized and reported by Braskem America, Inc.
- (8) The flare emissions authorized under project 342900 are in effect until the implementation of the Flare Gas Recovery project. Once this project is implemented, these emissions

(DMDS emissions from D-91) should only be routed to Thermal Oxidizer (EPN OC6S2000).

General Business

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1				Issuance Date: April 4, 2023			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B72SH1	Pyrolysis Furnace H1	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20,	3, 5, 18, 20,
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	0.72	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	2.77	-			
		Ethylene	0.80	-			
B72SH2	Pyrolysis Furnace H ₂	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20,	3, 5, 18, 20,
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	0.72	-			
		SO ₂ (Decoking)	65.90	-			

General Business

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1					Issuance Date: April 4, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	2.77	-			
		Ethylene	0.80	-			
B72SH3	Pyrolysis Furnace H3	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20,	3, 5, 18, 20,
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	0.72	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	2.77	-			
Ethylene	0.80	-					
B72SH4	Pyrolysis Furnace	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20,	3, 5, 18, 20,

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1				Issuance Date: April 4, 2023			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	H4	CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	0.72	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			
		PM _{2.5}	3.83	-			
		VOC	2.77	-			
		Ethylene	0.80	-			
B72SH5	Pyrolysis Furnace H5	CO	45.27	-	3, 5, 11, 18, 20	3, 5, 9, 11, 18, 20,	3, 5, 18, 20,
		CO (Decoking)	181.08	-			
		NO _x	30.86	-			
		SO ₂	0.72	-			
		SO ₂ (Decoking)	65.90	-			
		PM	3.83	-			
		PM ₁₀	3.83	-			

General Business

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1					Issuance Date: April 4, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	3.83	-			
		VOC	2.77	-			
		Ethylene	0.80	-			
B72SH1, B72SH2, B72SH3, B72SH4, B72SH5	Furnace Source Group Cap	CO	-	158.65	11, 18, 20	11, 18, 20	18, 20
		NO _x	-	469.26			
		SO ₂	-	2.59			
		PM	-	58.63			
		PM ₁₀	-	58.63			
		PM _{2.5}	-	58.63			
		VOC	-	49.36			
		Ethylene	-	6.93			
B72CT1	CT-1 Cooling Tower	VOC	3.25	13.71	5, 13	5, 13	5
		Ethylene	2.05	4.51			
		Propylene	3.25	11.03			
		PM	4.02	5.87			
		PM ₁₀	0.69	3.03			

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1					Issuance Date: April 4, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	<0.01	0.03			
B72FU1	B-7200 Process Area Fugitives (5)	VOC	11.45	49.99	3, 4, 5, 14, 15, 16, 17	3, 4, 5, 14, 17	3, 4, 5, 14
		Ethylene	6.20	26.99			
		Propylene	2.45	10.71			
		Cl ₂	0.01	0.05			
		HCl	0.08	0.35			
B72GE01	Emergency Generator	CO	1.14	0.05		10	
		NO _x	2.87	0.14			
		SO ₂	0.35	0.02			
		PM	0.37	0.02			
		PM ₁₀	0.37	0.02			
		PM _{2.5}	0.37	0.02			
		VOC	0.42	0.02			
B72SC02	B-7202 Degreasing	VOC	0.31	1.34			
B72SH1, B72SH2, B72SH3,	Compliance Cap (includes Furnaces, Cooling	CO	227.49	150.17			
		NO _x	157.15	467.80			

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1					Issuance Date: April 4, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
B72SH4, B72SH5, B72CT1, B72FU1, B72GE01, B72SC02	Tower, Fugitives, Emergency Degreaser and Degreasing)	SO2	95.17	7.64			
		PM	22.05	73.62			
		PM10	22.05	73.62			
		PM2.5	22.05	73.62			
		VOC	17.92	73.53			
		Cl2	0.01	0.05			
		HCl	0.08	0.35			
B72SH1	Furnace Purge (MSS), H-1	VOC	0.01	<0.01		21	
B72SH2	Furnace Purge (MSS), H-2	VOC	0.01	<0.01		21	
B72SH3	Furnace Purge (MSS), H-3	VOC	0.01	<0.01		21	
B72SH4	Furnace Purge (MSS), H-4	VOC	0.01	<0.01		21	
B72SH5	Furnace Purge (MSS), H-5	VOC	0.01	<0.01		21	
B60F3	FS-1 Large Elevated Flare (Routine Emissions)	CO	207.59	178.22	3, 4, 5, 11, 12	3, 4, 5, 12	3, 4, 5
		NO _x	40.74	34.98			
		SO ₂	0.60	0.25			

General Business

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1					Issuance Date: April 4, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC	202.29	29.98	3, 4, 5, 11, 12	3, 4, 5, 12	3, 4, 5
		Ethylene	95.00	13.14			
		Propylene	75.00	6.57			
	FS-1 Large Elevated Flare (MSS Emissions)	CO	2602.53	100.10			
		NO _x	360.30	15.90			
		SO ₂	6.40	0.20			
		VOC	2168.77	76.93			
		Ethylene	1820.00	30.88			
		Propylene	1284.28	20.46			
		B72F1	FS-2 Small Elevated Flare (operating as unassisted) B72F1	CO			
NO _x	1.02			4.46			
SO ₂	0.09			0.08			
VOC	0.21			0.88			
B72MEFU1	Attachment A	VOC	2.06	0.23	22, 23	21, 22, 23	
	Attachments B	VOC	3.65	0.11			
	Equipment Opening (MSS)	VOC	271.11	0.27			

Major NSR Summary Table

Permit Number: 144784 and PSDTX994M1				Issuance Date: April 4, 2023			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Attachments C						

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

CO carbon monoxide

NO_x total oxides of nitrogen

SO₂ sulfur dioxide

PM total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

PM₁₀ total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

PM_{2.5} particulate matter equal to or less than 2.5 microns in diameter

Cl₂ chlorine

HCl hydrogen chloride

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations



September 30, 2024

Electronic Submittal via ePermits

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

**The Dow Chemical Company, CN600356976; RN100225945
Hydrocarbons - Title V Operating Permit O2213
Permit Renewal Application**

Dear Mr. Bowers,

The Dow Chemical Company (Dow) is submitting the Title V Operating Permit O2213 Renewal Application for the Hydrocarbons plant located in Brazoria 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
Brazoria County Environmental Health Director

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

Texas Commission on Environmental Quality

Title V Existing

2213

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	HYDROCARBONS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.990833
Longitude (W) (-###.#####)	95.4075
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)?	RN100225945
What is the name of the Regulated Entity (RE)?	DOW TEXAS OPERATIONS FREEPORT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.9825
Longitude (W) (-###.#####)	-95.352777
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

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

State Sales Tax ID	
Local Tax ID	
DUNS Number	84970516
Number of Employees	251-500
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MR
First	JOHN
Middle	
Last	SAMPSON
Suffix	
Credentials	
Title	SENIOR VICE PRESIDENT
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	FREEPORT
State	TX
ZIP	77541
Phone (###-###-####)	9792389977
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9792358116
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)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	BLDG B-101
City	FREEPORT
State	TX
Zip	77541
Phone (###-###-####)	9792389764
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9792380317
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 SH 332 E

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

City

Lake Jackson

State

TX

ZIP

77566

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

9792381742

Extension

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

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

E-mail

cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 59 Min 27 Sec

3) Permit Longitude Coordinate:

95 Deg 24 Min 27 Sec

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

New Application

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

Renewal

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

No

through permit conversion?

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

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name

[OP_1_Form_OP-1.pdf](/ePermitsExternal/faces/file?fileId=219042)

Hash

3A20E3A01E8AA2ED7ABCB1841FE4CE53E661CE4AC36CC02F0E194554834E84B2

MIME-Type

application/pdf

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

[File Properties]

File Name

[OP_2_Form_OP-2.pdf](/ePermitsExternal/faces/file?fileId=219043)

Hash

62C9AF940E346FF82BDC08C835CA34E4EAE9EA6A4244CEB9ABE8DC06A61819BE

MIME-Type

application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name

[OP_ACPS_Form_OP-ACPS.pdf](/ePermitsExternal/faces/file?fileId=219044)

Hash

7BF266BE4BC09AB690E86AC8FBB5FF69B24A4DF0D5C9C734706BF53F8264738C

MIME-Type

application/pdf

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

[File Properties]

File Name

[OP_REQ1_Form_OP-REQ1.pdf](/ePermitsExternal/faces/file?fileId=219045)

Hash

A12893C2A20A792083003D632BBA96445E7EA5CA9E81C297CCFEA7F797EC77D3

MIME-Type

application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name

[OP_REQ2_Form_OP-REQ2.pdf](/ePermitsExternal/faces/file?fileId=219046)

Hash

60646CDE82756C8A0FA1EC8F08FEA2557F152CBBDD6BA616F3E6C47665EBB9F

MIME-Type

application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name

[OP_REQ3_Form_OP-](/ePermitsExternal/faces/file?fileId=219047)

REQ3.pdf

Hash 1B6E288EAB35469FE433B44CFB80FCBAAFA64C04ADD3BF942A6228D91930ABA6
MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name OP_PBRSUP_Form_OP-PBRSUP.pdf

Hash B06917B3843EC8332DC7E71922B7EB462054CBD18FC512E7640CC0EAB17762FF
MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP_SUMR_Form_OP-SUMR.pdf

Hash A19BF519C360914ED7C2B1A15D3875B67568DACF8D57C2BA40A5822F3C4B0B7A
MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name Form_OP-UAs.pdf

Hash 19AB870DDD4FA891CDEBF837986772591D3F28E2409B0E42CCA162D604CD4468
MIME-Type application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name Cover_Letter.pdf

Hash 21BF5F563ABBFA1689BA93DCC1000FF2B0F870F5E0ECB7327BBFE12CBD8AA1CC
MIME-Type application/pdf

[File Properties]

File Name O2213 Dow_Major NSR Summary Table.docx

Hash 9583E35C5EA12DB89629CD2D6123376D45FCE71ABDEEDE041900B8D35D90224C
MIME-Type application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 2213.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	170.85.99.27
Signature Date:	2024-09-30
Signature Hash:	4725663576DE3F41DE74D82CB21CFB9BFB69E4422881212DCE899ECE17426B81
Form Hash Code at time of Signature:	6DCAB1F83792F96682CB1865B7518065B88CE30F21C6F71BB4F53FE7626C0054

Submission

Reference Number:	The application reference number is 687535
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2024-09-30 at 16:44:33 CDT
Submitted From:	The application was submitted from IP address 170.85.99.27
Confirmation Number:	The confirmation number is 567354
Steers Version:	The STEERS version is 6.82
Permit Number:	The permit number is 2213

Additional Information

Application Creator: This account was created by Crystal Schmidt