Texas Commission on Environmental Quality

Title V Existing

2211

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ENVIRONMENTAL OPERATIONS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.######)	28.9825
Longitude (W) (-###.######)	95.352777
Primary SIC Code	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 (###-###-####)	9792389877
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9792385116
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.	FRAN FALCON(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MS
First	FRAN
Middle	
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:)	APB BLDG
City	FREEPORT
State	TX
Zip	77541
Phone (###-###-####)	9792389978
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.	CRYSTAL SCHMIDT(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MRS
First	CRYSTAL
Middle	
Last	SCHMIDT
Suffix	
Credentials	
Title	AIR PERMIT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 HIGHWAY 332 E
Routing (such as Mail Code, Dept., or Attn:)	
City	LAKE JACKSON
State	TX
ZIP	77566
Phone (###-###-####)	9792381742
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 58 Min 57 Sec
3) Permit Longitude Coordinate:	95 Deg 21 Min 10 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	2211-36602
5) Who will electronically sign this Title V application?	Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2025-07-17_OP-CRO1_O2211.pdf
Hash	8C7E9E7386BEA28F43D950CB9737B6A0B5143CBDC6D60509F713A7554EB448DE
MIME-Type	application/pdf

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.

3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer 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 2211.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	170.85.9.24
Signature Date:	2025-07-17
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEAEF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	BA1953C845AF8CE8781599ED9EC35CA90982736B585A3EB3FDA5B1827CECDF3E

Submission

Reference Number:	The application reference number is 801632
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2025-07-17 at 13:51:49 CDT
Submitted From:	The application was submitted from IP address 170.85.9.24
Confirmation Number:	The confirmation number is 665274
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 2211

Additional Information

Application Creator: This account was created by Crystal Schmidt

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

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

I. Identifying Information	
RN: **RN100225945**	
CN: **CN600356976**	
Account No.: **BL-0082-R**	
Permit No.: **O2211**	
Project No.: **36602**	
Area Name: **Environmental Operations**	
Company Name: **The Dow Chemical Company**	
II. Certification Type *(Please mark appropriate box)*	
☐ Responsible Official Representative	☒ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☐ SOP/TOP Initial Permit Application	☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☐ Update to Permit Application
☒ Other: **Working Draft Permit Certification**	

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

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

IV. Certification of Truth

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

I, **Fran Falcon** certify that I am the **DAR**

(Certifier Name printed or typed) *(RO or DAR)*

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:
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).

Time Period: From **September 4, 2024** to **July 17, 2025**

(Start Date) *(End Date)*

Specific Dates: _____ _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: _____ Signature Date: **July 17, 2025**

Title: **Texas Regional Environmental Leader**

From: Rhubottom, Julie (J) <JRhubottom@dow.com>
Sent: Friday, June 20, 2025 3:08 PM
To: Carolyn Maus
Subject: Automatic reply: Periodic Monitoring - unit B34VMTO210 - FOP O2211

I will be out of office on vacation the week of June 16th, returning Monday, June 23rd. I will respond to emails upon return.

Thank you,
Julie Rhubottom
Dow Chemical-EHS&S Tech Center
Email: jrhubottom@dow.com

From: Carolyn Maus
Sent: Friday, June 20, 2025 2:57 PM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Hi Crystal,

That sounds good. I will send the invitation to you and your colleagues shortly.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400


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

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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, June 20, 2025 10:16 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

Can we set the meeting for Tuesday form 3:30 to 4 please?

Can you also please include the specialist for the area
Julie Rhubottom: JRhubottom@dow.com
Christina Calley: lcalley@dow.com
Seyi Oyadiran: OOyadiran@dow.com

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: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Thursday, June 19, 2025 4:33 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Thanks for your patience in my getting back to you. In looking over your latest response, it clarifies my initial questions about using the total exhaust flow for the periodic monitoring for B34VMTO210. Would it be possible for us to have a brief call over Teams to check my understanding? I want to make sure I can document it correctly in the permit file. That should allow us to wrap up this final issue and get ready for public notice.

Monday or Tuesday would be great if you are free. Otherwise we can do it later in the week. Here is my availability (all times Central time):

Monday: 9 am – 2 pm; 3:30 pm – 5 pm
Tuesday: 9 am – 2 pm; 3:30 pm – 5 pm
Wednesday: 9-10 am; 11:30 am – 2 pm
Thursday: 11:30 am – 6 pm
Friday: 9 am-2:30 pm; 4 pm – 5 pm

Thanks!

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, May 5, 2025 2:42 PM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2025-05-05_WDP_Response_O2211.pdf

Carolyn,

Please see our attached response and let me know if you have any questions. Thanks and I hope you had a great weekend!

Crystal Schmidt

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



General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, April 30, 2025 8:32 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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

Good evening, Crystal,

I have reviewed the additional calculation details you provided to support the average fuel usage values in the deviation limits for the Chapter 117 periodic monitoring for B35EWS200 and B35EWS201. I can see the information shows that the lb/hr value in the deviation limit is the max flow for the design exit concentration of 100 ppm CO. In addition, changing the deviation limit from an annual average to daily average now syncs up with the daily monitoring. That clears up the questions I had for these two units and I have approved that periodic monitoring.

May 5, 2025

E-MAIL RESPONSE
Texas Commission on Environmental Quality
ATTN: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Operating Permit WDP Response for Environmental Operations, O2211
TCEQ Project Number: 36602

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 April 30, 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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Additional Information Request

Item 1	For B34VMTO210, the additional calculations were also helpful. However, I've been reviewing the request to change the monitored parameter to the total exhaust gas flow rate (made of air flow, fuel flow, and vent gas flow) instead of just the fuel gas usage. I don't believe I've seen this type of proposal from another applicant yet. Could you clarify the reasoning for wanting to change to monitoring total exhaust gas flow rate? I think this will be the final item we have left to resolve.
Item 1 Response	**Dow chose total exhaust gas flow rate because it better represents how the calculations were demonstrated in the NSR workbook. This unit is just a little bit different from the other two since we have three exhaust streams.** **This is how the total gas flow rate was calculated (I am not including the actual scfm values since these numbers are considered confidential):** **Air Flow Rate (scfm) as represented in NSR 46428 * 0.0752 lb/scf (density of air) * 60 min/hr** **Fuel Gas Flow Rate (scfm) as represented in NSR 46428 * 0.042 lb/scf (density of natural gas) * 60 min/hr** **Vent Gas Flow Rate (scfm) as represented in NSR 46428 * 0.042 lb/scf (density of natural gas) * 60 min/hr** **All three of these values added together are equal to the 181 Mlb/hr that was proposed on the Form OP-MON.** **Please let me know if this helps or if you need more information**

Working Draft Permit Comments

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

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, April 30, 2025 8:32 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Good evening, Crystal,

I have reviewed the additional calculation details you provided to support the average fuel usage values in the deviation limits for the Chapter 117 periodic monitoring for B35EWS200 and B35EWS201. I can see the information shows that the lb/hr value in the deviation limit is the max flow for the design exit concentration of 100 ppm CO. In addition, changing the deviation limit from an annual average to daily average now syncs up with the daily monitoring. That clears up the questions I had for these two units and I have approved that periodic monitoring.

For B34VMTO210, the additional calculations were also helpful. However, I've been reviewing the request to change the monitored parameter to the total exhaust gas flow rate (made of air flow, fuel flow, and vent gas flow) instead of just the fuel gas usage. I don't believe I've seen this type of proposal from another applicant yet. Could you clarify the reasoning for wanting to change to monitoring total exhaust gas flow rate? I think this will be the final item we have left to resolve.

Also, attached is a revised draft with the following changes from your 3/2 and 3/10 responses:

1) Removed the cross-referencing term for B34VMTO210 controlling emissions from MACT NNNNN sources at a third-party facility.
2) Removed units A25UAST500, B35EWT135, and B50SC5008.
3) Updated PM deviation limits for B35EWS200 and B35EWS201 to "Daily average fuel gas usage = 2,300 lb/hr."
4) Updated Table of Contents and page numbering in later sections.

Please address my question about the B34VMTO210 periodic monitoring by **Monday, May 5, 2025**. Or, if you think it would be more helpful to discuss the issue in a call, I'd be happy to do that. Just let me know.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400


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

From: Carolyn Maus
Sent: Monday, March 10, 2025 1:29 PM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Thanks, Crystal! I just got a notification that the STEERS submittal came through this morning. I'll look over what you provided and will confirm if that addresses my final questions.

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300


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

---

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, March 10, 2025 10:40 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

I had one more meeting to finalize the PM today. I will be submitting everything to you via STEERS since we have some Confidential calculations to submit as well. I will get this done shortly so our DAR can sign and submit.

Thanks!

Texas Commission on Environmental Quality

Title V Existing

2211

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ENVIRONMENTAL OPERATIONS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.######)	28.9825
Longitude (W) (-###.######)	95.352777
Primary SIC Code	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	VICE PRESIDENT
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	FREEPORT
State	TX
ZIP	77541
Phone (###-###-####)	9792389877
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9792385116
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.	FRAN FALCON(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MS
First	FRAN
Middle	
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:)	APB BLDG
City	FREEPORT
State	TX
Zip	77541
Phone (###-###-####)	9792389978
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.	CRYSTAL SCHMIDT(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MRS
First	CRYSTAL
Middle	
Last	SCHMIDT
Suffix	
Credentials	
Title	AIR PERMIT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	332 HIGHWAY 332 E
Routing (such as Mail Code, Dept., or Attn:)	
City	LAKE JACKSON
State	TX
ZIP	77566
Phone (###-###-####)	9792381742
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 58 Min 57 Sec
3) Permit Longitude Coordinate:	95 Deg 21 Min 10 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	2211-36602
5) Who will electronically sign this Title V application?	Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

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Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2025-03-10_WDP_Response_O2211.pdf
Hash	387F3B569980ADFE91105982437CEFE119D36941C0F0442A9C4990FBA38BECBE
MIME-Type	application/pdf

[File Properties]

File Name	Periodic_Monitoring_Calculations.xlsx
Hash	55B5F828488E4217557DC4F785950E8A73A926993D99B0E3C5C16316E5753B19
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer 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 2211.
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:	170.85.99.3
Signature Date:	2025-03-10
Signature Hash:	47028DDAF3697FA5C70F77C16A06E50F53CC1EEEAEF487D89AB53CE34D67B713
Form Hash Code at time of Signature:	7CE89ED5562CAB8711077B3A8C3B0C8123FB701E53CD515FCE05A7314F63B450

Submission

Reference Number:	The application reference number is 768596
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2025-03-10 at 11:20:21 CDT
Submitted From:	The application was submitted from IP address 170.85.99.3
Confirmation Number:	The confirmation number is 638107
Steers Version:	The STEERS version is 6.88
Permit Number:	The permit number is 2211

Additional Information

Application Creator: This account was created by Crystal Schmidt

March 10, 2025

E-MAIL RESPONSE
Texas Commission on Environmental Quality
ATTN: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Operating Permit WDP Response for Environmental Operations, O2211
TCEQ Project Number: 36602

Dear Ms. Maus,

The Dow Chemical Company (Dow) is providing a response to the Notice of Deficiency (NOD) items provided on February 21, 2025. Dow is also requesting to remove three units from the entire Title V Permit. Please see the Form OP-2 and Form OP-SUMR 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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Additional Information Request

Item 1	Thanks for the details about the calculations in relation to the Chapter 117 periodic monitoring for B34VMTO210, B35EWS200 and B35EWS201. I was able to find the calculations that you referenced in the prior NSR applications for permits 20909 and 46428. That clarifies that the NSR MAERT limits for CO are less than the 400 ppmv limit in Chapter 117. However, I still need to confirm the following: a. For the annual average fuel usage values of 2,650 lb/hr and 2,141 lb/hr in the deviation limits, were the NSR limits calculated at those fuel amounts, or are they connected in some other way? b. Since fuel usage is being monitored daily, but the deviation limit is an annual average, how would a deviation be determined? That is, are the daily values being used to calculate a rolling annual average that is compared to the deviation limit value (and if so, how often is that calculated)?
Item 1 Response	**Please see the attached Form OP-MON. Dow is requesting to update the deviation limit to a daily average instead of an annual average.**

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

Date:	**March 10, 2025**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**
Company Name:	**The Dow Chemical Company**

I. Description of Revision

Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	A25UAST500 B35EWT135 B50SC5008	OP-SUMR	N/A	Please remove these units from the entire Title V Permit.

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

Date	Permit No.	Regulated Entity No.
March 10, 2025	O2697	RN100225945

Unit/Process						Preconstruction Authorizations	
AI	**Revision No.**	**ID No.**	**Applicable Form**	**Name/ Description**	**CAM**	**30 TAC Chapter 116/ 30 TAC Chapter 106**	**Title I**
D	1	~~A25UAST500~~	~~OP-UA3~~	~~DA500 TANK~~		~~106.472/09/04/2000~~	
D	1	~~B35EWT135~~	~~OP-REQ2~~	~~FL-135 SAND FILTER~~		~~20909~~	
D	1	~~B50SC5008~~	~~OP-UA16~~ ~~OP-UA57~~	~~B-5008 DEGREASER~~		~~106.454/11/01/2001~~	

Monitoring Requirements
Form OP-MON (Page 3)
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: ***BL-0082-R***	RN No.: ***RN100225945***	CN: ***CN600356976***
Permit No: ***O2211***	Project No.: ***36602***	
Area Name: ***Environmental Operations***		
Company Name: ***The Dow Chemical Company***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***N/A***		
Unit/EPN/Group/Process ID No.: ***B35EWS200; B35EWS201***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 117, Subchapter B***		
SOP/GOP Index No.: ***R7ICI-01***		
Pollutant: ***CO***		
Main Standard: ***117.310(c)(1)***		
Monitoring Type: ***PM***		
Unit Size:		
Deviation Limit: ***Daily average fuel gas usage = 2,300 lb/hr.***		
IV. Control Device Information		
Control Device ID No.: ***N/A***		
Device Type: ***N/A***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***Fuel Gas Usage***	Minimum Frequency: ***Daily***	
Averaging Period: ***N/A***		
Periodic Monitoring Text: ***Measure fuel gas usage when the unit is in operation. Monitor shall be operated at least 95% of the time when the heater is operational, averaged over a rolling 12-month period. Any monitoring data above the maximum limit shall be considered and reported as a deviation.***		

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

I. Identifying Information		
Account No.: ***BL-0082-R***	RN No.: ***RN100225945***	CN: ***CN600356976***
Permit No: ***O2211***	Project No.: ***36602***	
Area Name: ***Environmental Operations***		
Company Name: ***The Dow Chemical Company***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***N/A***		
Unit/EPN/Group/Process ID No.: ***B34VMTO210***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 117, Subchapter B***		
SOP/GOP Index No.: ***R7ICI-01***		
Pollutant: ***CO***		
Main Standard: ***117.310(c)(1)***		
Monitoring Type: ***PM***		
Unit Size:		
Deviation Limit: ***Daily average total exhaust gas flow rate = 181 Mlb/hr***		
IV. Control Device Information		
Control Device ID No.: ***N/A***		
Device Type: ***N/A***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***Total Exhaust Gas Flow Rate***	Minimum Frequency: ***Daily***	
Averaging Period: ***N/A***		
Periodic Monitoring Text: ***Measure total exhaust gas flow rate when the unit is in operation. Monitor shall be operated at least 95% of the time when the heater is operational, averaged over a rolling 12-month period. Any monitoring data above the maximum limit shall be considered and reported as a deviation.***		

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, March 10, 2025 10:40 AM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

I had one more meeting to finalize the PM today. I will be submitting everything to you via STEERS since we have some Confidential calculations to submit as well. I will get this done shortly so our DAR can sign and submit.

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

DOW
Seek Together™

General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Monday, March 3, 2025 8:00 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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Hi Crystal,

Thanks for the update and for addressing my question about the cross-reference term. I will look out for your response about the periodic monitoring on Friday.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400

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General Business

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Sunday, March 2, 2025 8:25 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

Please see our attached response.

I apologize for the delay. I was hoping to get a response regarding the Periodic Monitoring on Friday, and I did not. We have a new specialist for the area, and they are busy with reporting season. I have a meeting Thursday morning to discuss if I don't receive a response sooner that that. Can I have an extension until this Friday please?

Thank you for your patience and consideration.

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: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Sunday, March 2, 2025 8:25 PM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2025-03-02_WDP_Response_O2211.pdf

Carolyn,

Please see our attached response.

I apologize for the delay. I was hoping to get a response regarding the Periodic Monitoring on Friday, and I did not. We have a new specialist for the area, and they are busy with reporting season. I have a meeting Thursday morning to discuss if I don't receive a response sooner that that. Can I have an extension until this Friday please?

Thank you for your patience and consideration.

Crystal Schmidt

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

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General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, February 21, 2025 10:43 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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Hi Crystal,

March 2, 2025

E-MAIL RESPONSE
Texas Commission on Environmental Quality
ATTN: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Operating Permit WDP Response for Environmental Operations, O2211
TCEQ Project Number: 36602

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 February 21, 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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Additional Information Request

Item 1	For the new STC about B34VMTO210 and the MACT NNNNN sources at the third-party facility, we do need to include the permit number and company name for the third-party. Otherwise, the cross-referencing is too vague. Please provide that info for me to add.
Item 1 Response	**Dow has decided not to include this reference. Please disregard our previous request.**
Item 2	Thanks for the details about the calculations in relation to the Chapter 117 periodic monitoring for B34VMTO210, B35EWS200 and B35EWS201. I was able to find the calculations that you referenced in the prior NSR applications for permits 20909 and 46428. That clarifies that the NSR MAERT limits for CO are less than the 400 ppmv limit in Chapter 117. However, I still need to confirm the following: a. For the annual average fuel usage values of 2,650 lb/hr and 2,141 lb/hr in the deviation limits, were the NSR limits calculated at those fuel amounts, or are they connected in some other way? b. Since fuel usage is being monitored daily, but the deviation limit is an annual average, how would a deviation be determined? That is, are the daily values being used to calculate a rolling annual average that is compared to the deviation limit value (and if so, how often is that calculated)?
Item 2 Response	**Dow will provide this response at a later date.**

Working Draft Permit Comments

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

General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, February 21, 2025 10:43 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Attached is another revised WDP based on your response. Here are the changes:

1) Added Special Term and Condition (STC) 24 and 26 for additional MACT GGGGG requirements based on the updated answers from the OP-REQ1.
2) Added STC 33 specifying that B34VMTO210 controls emissions from MACT NNNNN sources in a permit for another company. For now I used the language you provided on the OP-2. However, I do have a question down below.
3) Removed provision for the Chapter 117 initial control plan from STC 41 based on updated answers in section IV.C of the OP-REQ1.
4) Removed 106.262/09/04/2000 from the NSR Authorization References. (106.454/07/08/1998 and 106.478/09/04/2000 were already removed earlier.)

I have a few remaining questions:

1) For the new STC about B34VMTO210 and the MACT NNNNN sources at the third-party facility, we do need to include the permit number and company name for the third-party. Otherwise the cross-referencing is too vague. Please provide that info for me to add.
2) Thanks for the details about the calculations in relation to the Chapter 117 periodic monitoring for B34VMTO210, B35EWS200 and B35EWS201. I was able to find the calculations that you referenced in the prior NSR applications for permits 20909 and 46428. That clarifies that the NSR MAERT limits for CO are less than the 400 ppmv limit in Chapter
117. However, I still need to confirm the following:
    a. For the annual average fuel usage values of 2,650 lb/hr and 2,141 lb/hr in the deviation limits, were the NSR limits calculated at those fuel amounts, or are they connected in some other way?
    b. Since fuel usage is being monitored daily, but the deviation limit is an annual average, how would a deviation be determined? That is, are the daily values being used to calculate a rolling annual average that is compared to the deviation limit value (and if so, how often is that calculated)?

Please provide this information and any other comments by **Friday, February 28, 2025**.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



From: Carolyn Maus
Sent: Tuesday, January 21, 2025 12:03 PM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Hi Crystal,

Thanks for your detailed response. I'll go through the items and see if I have any further questions before revising the WDP.

We have a small dusting of snow here but mainly just got ice. Glad to know you got a bit more to enjoy!

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400


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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Tuesday, January 21, 2025 11:51 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

Please see our attached response and let me know if you need any more information. Our request on the Form OP-2 is a little different that usual, so please let me know what you think.

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Tuesday, January 21, 2025 11:51 AM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2025-01-21_WDP_Response_O2211.pdf

Carolyn,

Please see our attached response and let me know if you need any more information. Our request on the Form OP-2 is a little different that usual, so please let me know what you think.

Thanks! I hope you are enjoying the snow if you got any. We have a winter wonderland down here in Pearland, and I'm loving it.

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: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, January 10, 2025 8:50 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Hope you had a chance to enjoy a bit of a holiday break. I have prepared a revised WDP based on your responses from November 1 and November 14. Below is a list of the changes to the document:

January 21, 2025

E-MAIL RESPONSE
Texas Commission on Environmental Quality
ATTN: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Operating Permit WDP Response for Environmental Operations, O2211
TCEQ Project Number: 36602

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 January 10, 2025. Dow is also requesting one revision with this submittal. Please see the attached 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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Additional Information Request

Item 1	The reason the Chapter 101 MECT term was missing before was due to errors in OP-REQ1 questions related to 117.310 (which must apply for MECT to apply). Previously, questions IV.C.1=Yes, IV.C.2=Yes, and IV.C.3=No. In this application, IV.C.1 was changed to No and the others were left blank. I believe the old answers were correct. Please fix the appropriate page.
Item 1 Response	**Dow agrees with your assessment. Please see the attached Form OP-REQ1 (Page 14) for more information.**
Item 2	Question VII.E.1 (for NESHAP M) was answered Yes, which indicates that at least one of 61.143, 61.144, 61.146, 6.147, 61.148, 61.150, or 61.155 applies. However, all of the rest of VII.E was answered No, which would indicate that none of those sections applied. Either another question in the section must be also be Yes, or VII.E.1 must be No. This was the previous answer. Please review section VII.E and provide corrected page(s). For now, the permit does not contain a NESHAP M term.
Item 2 Response	**Question VII.E.1 should be answered "NO". Please see the attached Form OP-REQ1 (Page 26) for more information.**
Item 3	The reason that the terms related to 63.1095(b)(2) were removed was due to an error in the MACT YY answers on Form OP-REQ1. The terms are created based on a collection of answers in section VIII.W. Question VIII.W.46 was one of the necessary answers, but it was left blank. I believe it should be No as it was previously. Please provide the corrected page with whichever answer is correct.
Item 3 Response	**Please see the attached Form OP-REQ1 (Page 63) for more information.**
Item 4	Please review section VIII.CC on the OP-REQ1 on the latest posted form version (footer says revised 09/24). This section, pertaining to MACT GGGGG, has been updated. Please fill out this updated section so I can make sure the terms are correct.
Item 4 Response	**Please see the attached Form OP-REQ1 (Pages 72 and 73) for more information.**
Item 5	The corrections made on Table 21q of UA-12 for MACT GGGGG were not quite what I had requested. Data was removed from "Enc.-Vent Process Unit AMEL-UU", but that question needs to remain "No." Then, you did properly remove the answer for "Flare Compliance," but answers for "Negative Pressure" and "Bypass Device" were left entered. "Negative Pressure" and "Bypass Device" also need to be blank because these only apply if a control device covered on Tables 21l or 21m is used, and those control devices are not used. Please update the form or let me know if you disagree.
Item 5 Response	**Please see the attached Form OP-UA12 for more information.**
Item 6	The case-by-case periodic monitoring submitted for B34VMTO210, B35EWS200, and B35EWS201 is mostly fine. I added some language to the text to specify recording the fuel usage and a standard phrase regarding maintaining, calibrating, and operating the monitoring device. I do have a few questions regarding the deviation limit values and how the daily fuel usage data will be used to determine the annual average fuel usage in lb/hr for comparison to the deviation limit. Please provide the following information: a. How were the values in the deviation limits (maximum annual average fuel usage in lb/hr) determined? If they are included in a previous application for the NSR authorizations, please let me know which application or provide an excerpt. Otherwise, provide a brief explanation. b. Since the fuel usage will be monitored daily, how will that be used to calculate the ongoing annual average for comparison with the deviation limit? How often will that be determined? c. How do the deviation limit values correlate to compliance with the 400 ppmv CO limit from Chapter 117? If the deviation limit values are connected to the authorized emission limits in an NSR permit, and that NSR limit would translate to a ppmv value of less than 400 ppmv CO, that would be something we commonly have seen. I wasn't sure if that was true here or if there was a different connection. Please explain the connection and provide calculations.

Additional Information Request (cont.)

Item 6 Response	**B34VMTO210 has a MAERT limit based on a CO concentration of less than 400 PPMV (calculations were based on a maximum concentration of 10 PPMV, which was provided by Thermatrix). The emission limits represented in NSR 46428 are based on fuel gas flow rate, which is recorded daily, and the CO concentration. These calculations can be found in the last renewal, which was issued on 12/18/2015 (Project #178435). The allowable limits for CO are 1.60 lb./hr. and 7.03 tpy. Please let me know if you need me to send these calculations separately since they are considered confidential.** **B35EWS200 and B35EWS201 have MAERT limits based on a CO concentration of less than 400 PPMV (calculations were based on a maximum design exit concentration of 100 PPMV). The emission limits represented in NSR 20909 are based on a fuel gas flow rate, which is recorded daily, and the CO concentration. These calculations can be found in the last renewal, which was issued on 11/21/2017 (Project #245586). B35EWS200: the allowable limits for CO are 10.08 lb./hr. and 33.30 tpy. B35EWS201: the allowable limits for CO are 10.08 lb./hr. and 7.67 tpy. Please let me know if you need me to send these calculations separately since they are considered confidential.** **Please let me know if you require any additional information.**

Working Draft Permit Comments

New Source Review Authorization References

1. Please remove the following PBRs as requested in the November NOD responses (11/01/2024 and 11/14/2024): 106.262/09/04/2000, 106.454/07/08/1998, and 106.478/09/04/2000.

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

Date: **January 21, 2025**
Permit No.: **O2211**
Regulated Entity No.: RN10025945
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	B34VMTO210	N/A	N/A	Please add the following Special Term and Condition (ST&C) to this Title V Permit, "B34VMTO210 control emissions from sources subject to 40 CFR Part 63, Subpart NNNNN from a third-party facility. Applicable requirements from this rule are listed for each emission source in permit O2211 and the permit for the third-party facility."

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 216)
Federal Operating Permit Program

Table 21q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

Date	Permit No.:	Regulated Entity No.
January 21, 2025	O2211	RN10025945

Unit ID. No.	SOP Index No.	Enc.-Vent. Process Unit AMEL-UU	Enc.-Vent. Process Unit AMEL-UU ID No.	Negative Pressure	Bypass Device	Flare Compliance
A16EFU02	63GGGGG-01	***NO***		~~NO~~	~~NO~~	~~NO~~
A27ELFU1	63GGGGG-01	***NO***		~~NO~~	~~NO~~	~~NO~~
A42ELFU1	63GGGGG-01	***NO***		~~NO~~	~~NO~~	~~NO~~
B35EWFU1	63GGGGG-01	***NO***		~~NO~~	~~NO~~	~~NO~~
B47ELFU1	63GGGGG-01	***NO***		~~NO~~	~~NO~~	~~NO~~

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 14)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
January 21, 2025	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Date	Permit No.	Regulated Entity No.
January 21, 2025	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Date	Permit No.	Regulated Entity No.
January 21, 2025	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
47.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. *If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.*	☐ Yes ☐ No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.*	☐ Yes ☐ No
50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
January 21, 2025	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.
♦

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.		
1.	The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	☐ Yes ☐ No
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation		
1.	The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.*	☒ Yes ☐ No
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.*	☒ Yes ☐ No
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.*	☐ Yes ☒ No
4.	All site remediation activities are complete, and the Administrator has been notified in writing. *If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.*	☐ Yes ☒ No
5.	Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. *If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.*	☐ Yes ☒ No
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☒ No
7.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.*	☐ Yes ☒ No
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☒ Yes ☐ No
9.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.*	☐ Yes ☒ No

Date	Permit No.	Regulated Entity No.
January 21, 2025	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, January 10, 2025 8:50 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Hope you had a chance to enjoy a bit of a holiday break. I have prepared a revised WDP based on your responses from November 1 and November 14. Below is a list of the changes to the document:

1. Special Term and Condition (STC) 1.O was added for Chapter 101, Subchapter H, Division 3 (MECT Program). See question list below for related OP-REQ1 corrections.
2. STC 4-5 were removed for storage vessels maintaining working pressure under Chapter 115, Subchapter B and for degassing under Chapter 115, Subchapter F, Division 3.
3. STC 4 was added for industrial wastewater complying with MACT G per Chapter 115, Subchapter B.
4. STC 7 was added for sources meeting the exemption in 115.727(c)(3) under Chapter 115, HRVOC Vent Gas.
5. STC 10 was removed that had a heading for 40 CFR Part 61, Subpart M with no requirements under it. This was present in the first WDP due to an OP-REQ1 error that I just caught. See question list below for related OP-REQ1 corrections.
6. STC 11 was added for containers subject to 40 CFR Part 61, Subpart FF.
7. STC 15 was added for MACT G Group 2 wastewater requirements.
8. STC 18 was removed for thermoplastic product process facilities.
9. STC 19 was added for containers subject to MACT PP.
10. STC 20 was added for benzene laden waste streams from ethylene process facilities subject to 63.1095(b)(2) via MACT YY. See question list below for related OP-REQ1 correction.
11. Multiple updates were made to the MACT GGGGG STCs. This is because we just updated our boilerplate term language for this rule to reflect our completed rule analysis. See below for related OP-REQ1 updates needed based on our new form version. (Once I get your answers, I will check these terms again to make sure everything is accurate.)
12. STC 29 now includes the reference to permit O2203 for sources subject to NESHAP FF that are routed to B34VMTO210 for control.
13. STC 31 was updated to include the date from the latest submittal of the OP-PBRSUP.
14. STC 37 was added with some general Chapter 117 requirements. (Once the answers are corrected in relation to the Chapter 101 MECT term, they indicate these also apply.)
15. Updated SOP index number for B35RSSP965 to R5131-01 for Chapter 115, Water Separation.
16. Updated SOP index numbers for PROIN33 and PROMB824 to 63G-01 for MACT G.
17. Updated a few MACT GGGGG citations for A16DUC100 and B35EWSP930 based on UA-15 form corrections.
18. Updated periodic monitoring tables for CO limit in Chapter 117 based on submitted OP-MON (units B34VMTO210, B35EWS200, B35EWS201). See below for notes/questions.
19. Removed unnecessary permit shields for multiple units based on your approval and updated OP-REQ2.
20. Removed PBRs no longer in use (61/04/05/1995, 61/10/04/1995, 106.264/09/04/2000, 106.454/07/08/1998, 106.478/09/04/2000, and 106.533/03/14/1997).
21. Added missing reference to permit HW-50161-001 in the NSR Authorization References.
22. Updated NSR authorizations for units A42ELFU1, A42ELLR1, B33INFU1, B35EWFU1, B35EWRX150, B35EWRX170, B47ELFU1, B47ENVST1, B47ENVST2, B8MBFU180, B8MBTO180, B8MBULRC1, PROA16, PROA27, PROA42, PROB33, PROB34, PROB35, PROB47, PROB51, PROB8, PROIN33, PROMB824, and PROWD.

Remaining Questions to Address:

1. The reason the Chapter 101 MECT term was missing before was due to errors in OP-REQ1 questions related to 117.310 (which must apply for MECT to apply). Previously, questions

IV.C.1=Yes, IV.C.2=Yes, and IV.C.3=No. In this application, IV.C.1 was changed to No and the others were left blank. I believe the old answers were correct. Please fix the appropriate page.

2. Question VII.E.1 (for NESHAP M) was answered Yes, which indicates that at least one of 61.143, 61.144, 61.146, 6.147, 61.148, 61.150, or 61.155 applies. However, all of the rest of VII.E was answered No, which would indicate that none of those sections applied. Either another question in the section must be also be Yes, or VII.E.1 must be No. This was the previous answer. Please review section VII.E and provide corrected page(s). For now the permit does not contain a NESHAP M term.
3. The reason that the terms related to 63.1095(b)(2) were removed was due to an error in the MACT YY answers on Form OP-REQ1. The terms are created based on a collection of answers in section VIII.W. Question VIII.W.46 was one of the necessary answers but it was left blank. I believe it should be No as it was previously. Please provide the corrected page with whichever answer is correct.
4. Please review section VIII.CC on the OP-REQ1 on the latest posted form version (footer says revised 09/24). This section, pertaining to MACT GGGGG, has been updated. Please fill out this updated section so I can make sure the terms are correct.
5. The corrections made on Table 21q of UA-12 for MACT GGGGG were not quite what I had requested. Data was removed from "Enc.-Vent Process Unit AMEL-UU", but that question needs to remain "No." Then, you did properly remove the answer for "Flare Compliance," but answers for "Negative Pressure" and "Bypass Device" were left entered. "Negative Pressure" and "Bypass Device" also need to be blank because these only apply if a control device covered on Tables 21l or 21m is used, and those control devices are not used. Please update the form or let me know if you disagree.
6. The case-by-case periodic monitoring submitted for B34VMTO210, B35EWS200, and B35EWS201 is mostly fine. I added some language to the text to specify recording the fuel usage and a standard phrase regarding maintaining, calibrating, and operating the monitoring device. I do have a few questions regarding the deviation limit values and how the daily fuel usage data will be used to determine the annual average fuel usage in lb/hr for comparison to the deviation limit. Please provide the following information:
    a. How were the values in the deviation limits (maximum annual average fuel usage in lb/hr) determined? If they are included in a previous application for the NSR authorizations, please let me know which application or provide an excerpt. Otherwise, provide a brief explanation.
    b. Since the fuel usage will be monitored daily, how will that be used to calculate the ongoing annual average for comparison with the deviation limit? How often will that be determined?
    c. How do the deviation limit values correlate to compliance with the 400 ppmv CO limit from Chapter 117? If the deviation limit values are connected to the authorized emission limits in an NSR permit, and that NSR limit would translate to a ppmv value of less than 400 ppmv CO, that would be something we commonly have seen. I wasn't sure if that was true here or if there was a different connection. Please explain the connection and provide calculations.

Please address the questions above and let me know of any other comments/corrections by **Monday, January 20, 2025**.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300


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General Business

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Thursday, November 14, 2024 9:48 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

I apologize for the delay. Please see our response for all remaining NOD items. Please let me know if you have any questions. Thank you for your patience!

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Thursday, November 14, 2024 9:48 AM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2024-11-14_WDP_Response_O2211.pdf

Carolyn,

I apologize for the delay. Please see our response for all remaining NOD items. Please let me know if you have any questions. Thank you for your patience!

Crystal Schmidt

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



General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, November 6, 2024 10:13 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Yes, that will be ok. Thanks for letting me know. I will make a note that the last items will be coming by the 15th. (If you happen to find what you need sooner, please send it along, but I am granting your extension.)

Sincerely,

November 14, 2024

E-MAIL RESPONSE
Texas Commission on Environmental Quality
ATTN: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Operating Permit WDP Response for Environmental Operations, O2211
TCEQ Project Number: 36602

Dear Ms. Maus,

The Dow Chemical Company (Dow) is providing an updated response to the Notice of Deficiency (NOD) items provided on September 27, 2024.

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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Unresolved Items

2. OP-REQ1/OP-PBRSUP:

b. There are multiple PBRs/version dates listed on Form OP-REQ1 in section XII.I that do not appear on Form OP-PBRSUP. At least some of them appear to still be in use and others I cannot tell (see breakdown below). The OP-PBRSUP should be a comprehensive list of all PBR authorizations used in the permit area, even if the unit/source does not appear in the permit. We understand that some sources have no other potentially applicable requirements besides the PBR and will only appear on the OP-PBRSUP, so if those sources do not normally have a unit ID, you will need to create one just for use on the OP-PBRSUP.

   i. 106.261/12/24/1998, 106.262/12/24/1998, 106.264/09/04/2000, and 106.476/09/04/2000 all appear to authorize at least one unit in the permit. Please add these to Tables B and D of the OP-PBRSUP.

      Please see the attached Form OP-REQ1 (Page 89) and Form OP-PBRSUP for more information.

   ii. For 106.261/09/04/2000, 106.262/09/04/2000, 106.263/11/01/2001, 106.473/09/04/2000, 106.478/09/04/2000, 106.532/03/14/1997, 61/04/05/1995, and 61/10/04/1995, I could not tell if these are still in use. If they are not, please remove from the OP-REQ1 and submit the corrected page. If they are, please provide on the appropriate tables of the OP-PBRSUP.

      Please remove 61/04/05/1995, 61/10/04/1995, 106.262/09/04/2000, 106.478/09/04/2000 from the Title V Permit. Please see the attached Form OP-REQ1 (Page 89) for more information.

      PBRs 106.261/09/04/2000, 106.473/09/04/2000, and 106.532/03/14/1997 needs to remain in the Title V Permit. Please see the attached Form OP-SUMR and Form OP-PBRSUP for more information.

      PBR 106.263/11/01/2001 was included on the Form OP-PBRSUP in the November 1, 2024, NOD/WDP response.

e. There are several units in the permit that are authorized by 106.261/11/01/2003 and 106.262/11/01/2003 that do not appear on the OP-PBRSUP. These are B8MBTO180 and B8MBULRC1. Add to Table A (if registered) or B (if not registered). Add to Table D also.

   These two units were authorized via PBR Registration 141281; they were inadvertently left of the previous Form OP-PBRSUP. Please see the attached Form OP-PBRSUP for more information.

   Please see attached Form OP-PBRSUP for more information.

12. Periodic Monitoring (OP-MON):

a. Existing units B35EWS201, B35EWS200, and B34VMTO210 will need periodic monitoring for the CO limit in 30 TAC Chapter 117, Subchapter. For now, I used option PM-C-001. Please provide that on the OP-MON to confirm it is acceptable, or you are welcome to propose different monitoring (another option or case-by-case).

Dow is requesting a Case-By-Case Periodic Monitoring for these three units. Please see the attached Form OP-MON for more information.

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

Date	Permit No.	Regulated Entity No.
November 14, 2024	O2211	RN10025945

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
		B35EWRX150	OP-UA19	R-150 SPECIALITIES BIOREACTOR		20909 ***106.532/03/14/1997 [103280]***	
		B35EWRX170	OP-UA19	R-170 SPECIALITIES BIOREACTOR		20909 ***106.532/03/14/1997 [103280]***	

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

Date	Permit No.	Regulated Entity No.
November 14, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
313	08/06/2021	20909	11/21/2017	83792	12/09/2020
18145	04/19/2023	46428	05/29/2018	145335	03/28/2017
20687	09/18/2023	71062	08/09/2022		

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
~~61~~	~~04/05/1995~~	106.263	11/01/2001	106.476	09/04/2000
~~61~~	~~10/04/1995~~	~~106.264~~	~~09/04/2000~~	~~106.478~~	~~09/04/2000~~
106.261	12/24/1998	***106.371*** ~~106.372~~	09/04/2000	106.511	09/04/2000
106.261	09/04/2000	106.452	09/04/2000	106.532	03/14/1997
106.261	11/01/2003	~~106.454~~	~~07/08/1998~~	106.532	09/04/2000
106.262	12/24/1998	106.454	11/01/2001	106.533	03/14/1997
~~106.262~~	~~09/04/2000~~	106.472	09/04/2000	106.533	07/04/2004
106.262	11/01/2003	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
HW-50161-001					

Monitoring Requirements
Form OP-MON (Page 3)
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: ***BL-0082-R***	RN No.: ***RN100225945***	CN: ***CN600356976***
Permit No: ***O2211***	Project No.: ***36602***	
Area Name: ***Environmental Operations***		
Company Name: ***The Dow Chemical Company***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***N/A***		
Unit/EPN/Group/Process ID No.: ***B35EWS200; B35EWS201***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 117, Subchapter B***		
SOP/GOP Index No.: ***R7ICI-01***		
Pollutant: ***CO***		
Main Standard: ***117.310(c)(1)***		
Monitoring Type: ***PM***		
Unit Size:		
Deviation Limit: ***Maximum annual average fuel gas usage = 2,141 lb/hr.***		
IV. Control Device Information		
Control Device ID No.: ***N/A***		
Device Type: ***N/A***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***Fuel Gas Usage***	Minimum Frequency: ***Daily***	
Averaging Period: ***N/A***		
Periodic Monitoring Text: ***Measure fuel gas usage when the unit is in operation. Monitor shall be operated at least 95% of the time when the heater is operational, averaged over a rolling 12-month period. Any monitoring data above the maximum limit shall be considered and reported as a deviation.***		

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

I. Identifying Information		
Account No.: ***BL-0082-R***	RN No.: ***RN100225945***	CN: ***CN600356976***
Permit No: ***O2211***	Project No.: ***36602***	
Area Name: ***Environmental Operations***		
Company Name: ***The Dow Chemical Company***		
II. Unit/Emission Point/Group/Process Information		
Revision No.: ***N/A***		
Unit/EPN/Group/Process ID No.: ***B34VMTO210***		
Applicable Form: ***OP-UA15***		
III. Applicable Regulatory Requirement		
Name: ***30 TAC Chapter 117, Subchapter B***		
SOP/GOP Index No.: ***R7ICI-01***		
Pollutant: ***CO***		
Main Standard: ***117.310(c)(1)***		
Monitoring Type: ***PM***		
Unit Size:		
Deviation Limit: ***Maximum annual average fuel gas usage = 2650 lb/hr***		
IV. Control Device Information		
Control Device ID No.: ***N/A***		
Device Type: ***N/A***		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: ***Fuel Gas Usage***	Minimum Frequency: ***Daily***	
Averaging Period: ***N/A***		
Periodic Monitoring Text: ***Measure fuel gas usage when the unit is in operation. Monitor shall be operated at least 95% of the time when the heater is operational, averaged over a rolling 12-month period. Any monitoring data above the maximum limit shall be considered and reported as a deviation.***		

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B34VMTO210	104045	106.261 106.262	10/11/2012
B34VMFU02	154590	106.261 106.262	01/23/2019
B8MBFU180	109043	106.261 106.262	05/16/2013
B33INFU1	109043	106.261 106.262	05/16/2013
B33INFU1 ***B8MBTO180*** ***B8MBULRC1***	141281	106.261 106.262	09/02/2016 05/18/2017
B33INFU1	149980	106.261 106.262	02/14/2018
B33INFU1	152213	106.261 106.262	06/22/2018
Bulb Crusher	91883	106.262	03/26/2010
~~Bulb Crusher~~	~~169309~~	~~106.262~~	~~10/06/2011~~
A42ELFU1 A42ELLR1 A42CB1	52152	106.261 106.533	09/06/2002
B8MBFU180 B33INFU1	108969	106.261 106.262	05/07/2013
B47ELFU1	164321	106.261 106.262	03/24/2021

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B47ENVST1 B47ENVST2	168461	106.261 106.262	04/29/2022
B35EWFU1	151647	106.261 106.262	05/17/2018
B35EWRX150 ***B35EWRX170***	***103280***	***106.532***	***08/11/2000***

Permit By Rule Supplemental Table (Page 2 continued)
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
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B33INCT100	106.371	09/04/2000
A25UAGE00A	106.511	09/04/2000
A25UAGE00B	106.511	09/04/2000
A25UAGE03G	106.511	09/04/2000
A25UAGE03H	106.511	09/04/2000
A25UAGE03I	106.511	09/04/2000
A25UAGE07C	106.511	09/04/2000
A25UAGE508	106.511	09/04/2000
A5UAGE500A	106.511	09/04/2000
A5UAGE500E	106.511	09/04/2000
A70UAGE00B	106.511	09/04/2000
A70UAGE00C	106.511	09/04/2000
A91UAGE01D	106.511	09/04/2000
A91UAGE01F	106.511	09/04/2000
B12UBGE00A	106.511	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B12UBGE00C	106.511	09/04/2000
B14UBGE400	106.511	09/04/2000
B18UBGE800	106.511	09/04/2000
B20UBGE000	106.511	09/04/2000
B33INGEAUX	106.511	09/04/2000
B36UBGE10C	106.511	09/04/2000
B36UBGE10E	106.511	09/04/2000
B3UBGE307A	106.511	09/04/2000
B3UBGE309	106.511	09/04/2000
B3UBGE309E	106.511	09/04/2000
B5UBGE516D	106.511	09/04/2000
B5UBGE516E	106.511	09/04/2000
B64UBGE401	106.511	09/04/2000
B71UBGE00D	106.511	09/04/2000
B73UBGE00D	106.511	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B73UBGE00E	106.511	09/04/2000
B87UBGE700	106.511	09/04/2000
B8UBGE830	106.511	09/04/2000
OC1U1GE60C	106.511	09/04/2000
OC2U2GE122	106.511	09/04/2000
OC4U4GE000	106.511	09/04/2000
OC4U4GE502	106.511	09/04/2000
OC4U4GE505	106.511	09/04/2000
OC6U6GE02A	106.511	09/04/2000
OC6U6GE02B	106.511	09/04/2000
A25UAST250	106.472	09/04/2000
A25UAST25A	106.472	09/04/2000
A25UAST25B	106.472	09/04/2000
A25UAST25	106.472	09/04/2000
A25UAST500	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
A70UAST70A	106.472	09/04/2000
A91UAST91A	106.472	09/04/2000
A91UAST91B	106.472	09/04/2000
B14UBST14A	106.472	09/04/2000
B18UBST18B	106.472	09/04/2000
B36UBST36A	106.472	09/04/2000
B36UBST36B	106.472	09/04/2000
B3UBST309A	106.472	09/04/2000
B5UBST516A	106.472	09/04/2000
B5UBST516B	106.472	09/04/2000
B64UBST640	106.472	09/04/2000
B71UBST71A	106.472	09/04/2000
B73UBST73A	106.472	09/04/2000
B73UBST73B	106.472	09/04/2000
B8UBST830A	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
OC1UOST36	106.472	09/04/2000
OC2UOST24	106.472	09/04/2000
OC4UOST10	106.472	09/04/2000
OC4UOST17	106.472	09/04/2000
OC4UOST30	106.472	09/04/2000
OC6UOST15	106.472	09/04/2000
B33EISC329	106.454	~~07/08/1998~~ 11/01/2001
B50SC5008	106.454	~~07/08/1998~~ 11/01/2001
A27ARST200	106.533	~~03/14/1997~~ 07/04/2004
A27ARST202	106.533	~~03/14/1997~~ 07/04/2004
A27ARST204	106.533	~~03/14/1997~~ 07/04/2004
A27ELFU1	106.533	~~03/14/1997~~ 07/04/2004
A27ELLR1	106.533	~~03/14/1997~~ 07/04/2004

Permit By Rule Supplemental Table (Page 2 continued)
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
November 14, 2024	O2211	RN100225945

Unit ID No.		PBR No.	Version No./Date
OC5SV403		106.532	09/04/2000
OC5SV404		106.532	09/04/2000
B3329 Sandblaster		106.452	09/04/2000
PROA16 PROA27 PROA42 PROB33 PROB34 PROB35	PROB47 PROB51 PROB8 PROIN33 PROMB824 PROWD	106.263	11/01/2001
B35EWSP970		***106.261*** ***106.262***	***12/24/1998***
B8TOLR824		***106.261***	***12/24/1998***
B35EWPT910 ***B35EWSP930*** ***B35EWSP940*** ***B35RSSP965***		***106.476***	***09/04/2000***
B71UBST71B		***106.473***	***09/04/2000***

Permit By Rule Supplemental Table (Page 3 continued)
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
November 14, 2024	O2211	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B34VMTO210	106.261 106.262	104045	Flameless Thermal Oxidizer (FTO) will continue to meet the monitoring and recordkeeping requirements of NSR 46428 SCs 5 through 14 (permit issue date 05/29/2018).
B34VMFU02	106.261 106.262	154590	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28PI as required by NSR 46428 SC 15 and 16 (permit issue date 05/29/2018).
B33INCT100	106.371	09/04/2000	Maintain records of the content of process side fluid or intervening fluid per 115.766(b)(2)
B8MBFU180	106.261 106.262	109043	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	109043	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1 ***B8MBTO180*** ***B8MBULRC1***	106.261 106.262	141281	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	149980	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	152213	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
A25UAGE00A	106.511	09/04/2000	Maintain records of operation.

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
A25UAGE00B	106.511	09/04/2000	Maintain records of operation.
A25UAGE03G	106.511	09/04/2000	Maintain records of operation.
A25UAGE03H	106.511	09/04/2000	Maintain records of operation.
A25UAGE03I	106.511	09/04/2000	Maintain records of operation.
A25UAGE07C	106.511	09/04/2000	Maintain records of operation.
A25UAGE508	106.511	09/04/2000	Maintain records of operation.
A5UAGE500A	106.511	09/04/2000	Maintain records of operation.
A5UAGE500E	106.511	09/04/2000	Maintain records of operation.
A70UAGE00B	106.511	09/04/2000	Maintain records of operation.
A70UAGE00C	106.511	09/04/2000	Maintain records of operation.
A91UAGE01D	106.511	09/04/2000	Maintain records of operation.
A91UAGE01F	106.511	09/04/2000	Maintain records of operation.
B12UBGE00A	106.511	09/04/2000	Maintain records of operation.
B12UBGE00C	106.511	09/04/2000	Maintain records of operation.
B14UBGE400	106.511	09/04/2000	Maintain records of operation.

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B18UBGE800	106.511	09/04/2000	Maintain records of operation.
B20UBGE000	106.511	09/04/2000	Maintain records of operation.
B33INGEAUX	106.511	09/04/2000	Maintain records of operation.
B36UBGE10C	106.511	09/04/2000	Maintain records of operation.
B36UBGE10E	106.511	09/04/2000	Maintain records of operation.
B3UBGE307A	106.511	09/04/2000	Maintain records of operation.
B3UBGE309	106.511	09/04/2000	Maintain records of operation.
B3UBGE309E	106.511	09/04/2000	Maintain records of operation.
B5UBGE516D	106.511	09/04/2000	Maintain records of operation.
B5UBGE516E	106.511	09/04/2000	Maintain records of operation.
B64UBGE401	106.511	09/04/2000	Maintain records of operation.
B71UBGE00D	106.511	09/04/2000	Maintain records of operation.
B73UBGE00D	106.511	09/04/2000	Maintain records of operation.
B73UBGE00E	106.511	09/04/2000	Maintain records of operation.
B87UBGE700	106.511	09/04/2000	Maintain records of operation.

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B8UBGE830	106.511	09/04/2000	Maintain records of operation.
OC1U1GE60C	106.511	09/04/2000	Maintain records of operation.
OC2U2GE122	106.511	09/04/2000	Maintain records of operation.
OC4U4GE000	106.511	09/04/2000	Maintain records of operation.
OC4U4GE502	106.511	09/04/2000	Maintain records of operation.
OC4U4GE505	106.511	09/04/2000	Maintain records of operation.
OC6U6GE02A	106.511	09/04/2000	Maintain records of operation.
OC6U6GE02B	106.511	09/04/2000	Maintain records of operation.
A25UAST250	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST25A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST25B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST25	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST500	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A70UAST70A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A91UAST91A	106.472	09/04/2000	Maintain records of tank service and annual throughput.

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
A91UAST91B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B14UBST14A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B18UBST18B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B36UBST36A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B36UBST36B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B3UBST309A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B5UBST516A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B5UBST516B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B64UBST640	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B71UBST71A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B73UBST73A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B73UBST73B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B8UBST830A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC1UOST36	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC2UOST24	106.472	09/04/2000	Maintain records of tank service and annual throughput.

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC4UOST10	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC4UOST17	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC4UOST30	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC6UOST15	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B33EISC329	106.454	11/01/2001	Maintain records of solvent makeup.
B50SC5008	106.454	11/01/2001	Maintain records of solvent makeup.
A27ARST200	106.533	07/04/2004	Maintain records to demonstrate separator is used solely to recover VOCs from groundwater remediation projects per 115.137(a)(3).
A27ARST202	106.533	07/04/2004	Maintain records to demonstrate separator is used solely to recover VOCs from groundwater remediation projects per 115.137(a)(3).
A27ARST204	106.533	07/04/2004	Maintain records to demonstrate separator is used solely to recover VOCs from groundwater remediation projects per 115.137(a)(3).
A27ELFU1	106.533	07/04/2004	Maintain documentation to demonstrate equipment is used for the purpose of remediation per 106.533(a)
A27ELLR1	106.533	07/04/2004	Maintain documentation to demonstrate equipment is used for the purpose of remediation per 106.533(a)
OC5SV403	106.532	09/04/2000	Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).
OC5SV404	106.532	09/04/2000	Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Bulb Crusher	106.262	169309	Maintain PBR documentation to demonstrate emissions are in compliance with 106.262(a)(2).
B3329 Sandblaster	106.452	09/04/2000	Maintain records of blast media usage.
A42ELFU1 A42ELLR1 A42CB1	106.261 106.533	52152	Maintain documentation to demonstrate equipment is used for the purpose of remediation per 106.533(a)
B47ELFU1	106.261 106.262	164321	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28M as required by NSR 313 SC 14 and 19 (permit issue date 09/18/2023).
B47ENVST1 B47ENVST2	106.261 106.262	168461	Maintain records of tank service and annual throughput.
B35EWFU1	106.261 106.262	151647	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program AVO as required by NSR 20909 (permit issue date 11/21/2017).
B35EWSP970	***106.261 106.262***	***12/24/1998***	***Maintain records of the exhaust gas temperature immediately downstream of the direct-flame incinerator per 115.136(a)(2)(A).***
B8TOLR824	***106.261***	***12/24/1998***	***Maintain records of annual leak testing, quantity of VOC loaded, and types and vapor pressure of each VOC transferred per [G]115.216(3)(A)(A).***
B35EWPT910 B35EWSP930 / ***B35EWSP940 B35RSSP965***	***106.476***	***09/04/2000***	***Maintain records of the exhaust gas temperature immediately downstream of the direct-flame incinerator per 115.136(a)(2)(A).***
B35EWRX150 B35EWRX170	***106.532***	***103280***	***Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).***

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

Date	Permit Number	Regulated Entity Number
November 14, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B71UBST71B	***106.473***	***09/04/2000***	***Maintain records of tank service and annual throughput.***

From: Carolyn Maus
Sent: Wednesday, November 6, 2024 10:13 AM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Hi Crystal,

Yes, that will be ok. Thanks for letting me know. I will make a note that the last items will be coming by the 15th. (If you happen to find what you need sooner, please send it along, but I am granting your extension.)

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300


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

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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, November 6, 2024 10:02 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

Would it be possible to have another week to complete items 2.b.ii and 2.e? I was hoping for an extension to November 15th. We are still digging through all of our files trying to locate the PBRs. I will still be submitting our response to 2.b.i and 12.a by this Friday.

Thank you for your consideration!

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: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Monday, November 4, 2024 9:35 AM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Thanks – this file opened fine. I will start going through your responses and updating the WDP.

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400

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

General Business

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, November 1, 2024 5:25 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, November 1, 2024 5:25 PM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2024-11-01_WDP_Response_O2211.pdf

Carolyn,

Please let me know if this one doesn't open. Have a great weekend!

Crystal Schmidt

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



General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, November 1, 2024 1:56 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Thanks for the response and for letting me know about the items that are still pending. Could you send the attachment again? I tried to open it and wasn't able to.

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality

November 1, 2024

E-MAIL RESPONSE
Texas Commission on Environmental Quality
ATTN: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Operating Permit WDP Response for Environmental Operations, O2211
TCEQ Project Number: 36602

Dear Mr. Luna,

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 September 27, 2024.

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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Unresolved Items

1. OP-REQ1: Please submit corrected pages to address the items below.

   a. Questions VI.H.1, VI.I.1 and VI.J.1 were all answered "N/A". However, this answer is only for GOPs. For this site, these questions should be answered "NO". Then, questions VI.H.4, VI.I.4, and VI.J.4 will also need to be answered. I believe those will also be "NO".

   b. Question XI.B.2 lists rules that apply in the application area for which we have not developed a unit attribute form. Please remove Subpart EEE from your answer. We have a UA form for that rule, and you have already filled it out for B33INS1. (The rest of your listed rules are correct.)

   c. Please answer questions XI.F.7 and XI.G.6 (these will be NO).

   d. Question XII.A.1 was answered NO. However, the permit area includes permit HW-50161-001 that authorizes several units and based on past records, it was indicated that permit had an air addendum. Please change this question to YES. I have kept the appropriate term in the permit.

   e. Question XII.B.1 was answered NO. However, there are two standard permit registrations under the non-rule pollution control project standard permit (registration numbers 71062 and 145335). Please correct XII.B.1 and XII.B.3 to YES. XII.B.2, XII.B.4-12, and XII.B.15-16 should be NO.

   Please see the attached Form OP-REQ1 for more information.

2. OP-REQ1/OP-PBRSUP:

   a. There is one PBR that appears on the OP-PBRSUP but not the section XII.I of the OP-REQ1. This is 106.371/09/04/2000, on Table B for B33INCT100. I believe previous applications made a typo for this unit and listed 106.372 instead of 106.371. Please correct the entry on the OP-REQ1 of 106.372 to 106.371 and submit the corrected page. (Or if 106.372 is *also* used, then just add 106.371 to the OP-REQ1, and place 106.372 on Table C of the OP-PBRSUP.)

   The PBR should be 106.371 instead of 106.372. Please see the attached Form OP-REQ1 (Page 89) for more information.

   b. There are multiple PBRs/version dates listed on Form OP-REQ1 in section XII.I that do not appear on Form OP-PBRSUP. At least some of them appear to still be in use and others I cannot tell (see breakdown below). The OP-PBRSUP should be a comprehensive list of all PBR authorizations used in the permit area, even if the unit/source does not appear in the permit. We understand that some sources have no other potentially applicable requirements besides the PBR and will only appear on the OP-PBRSUP, so if those sources do not normally have a unit ID, you will need to create one just for use on the OP-PBRSUP.

      i. 106.261/12/24/1998, 106.262/12/24/1998, 106.264/09/04/2000, and 106.476/09/04/2000 all appear to authorize at least one unit in the permit. Please add these to Tables B and D of the OP-PBRSUP.

      ii. For 106.261/09/04/2000, 106.262/09/04/2000, 106.263/11/01/2001, 106.473/09/04/2000, 106.478/09/04/2000, 106.532/03/14/1997, 61/04/05/1995, and 61/10/04/1995, I could not tell if these are still in use. If they are not, please remove from the OP-REQ1 and submit the corrected page. If they are, please provide on the appropriate tables of the OP-PBRSUP.

   Dow is still researching all of these PBRs. An updated Form OP-PBRSUP and OP-REQ1 (if necessary) will be submitted in a separate response.

   c. On OP-PBRSUP, Table A, registration number 169309 (106.262, registration date 10/06/2011) is listed for the second Bulb Crusher line. Based on our NSR database, 169309 appears to belong to a standard permit registration for a Walmart. I think this line was intended to have 91883 like the line above, since 91883 also had an action completed on 10/06/2011. Please determine the correct registration number for this second line. Update Tables A and D.

   169309 is the Project Number for PBR Registration 91883; therefore, this was a "duplicate" on the form. Please see the attached Form OP-PBRSUP for more information.

d. On Table B, there are some units that have multiple version dates for the same PBR listed. If this is correct, that is fine (and that is what I left in the permit). However, I wanted to confirm because we typically see that happening for fugitive units (that may contain components authorized at different times). It's not as common for a single non-fugitive unit to be authorized by/complying with multiple versions. Please check these, and if you need to remove any version dates, please update the appropriate tables of the OP-PBRSUP and section XII.I of the OP-REQ1.

Please see the attached Form OP-REQ1 (Page 89) and Form OP-PBRSUP for more information.

e. There are several units in the permit that are authorized by 106.261/11/01/2003 and 106.262/11/01/2003 that do not appear on the OP-PBRSUP. These are B8MBTO180 and B8MBULRC1. Add to Table A (if registered) or B (if not registered). Add to Table D also.

Dow is still researching the PBRs for B8MBTO180 and B8MBULRC1. An updated Form OP-PBRSUP will be submitted in a separate response.

f. On Table D, multiple rows say "Maintain PBR documentation" in the Monitoring Requirement column. This is not quite specific enough to indicate what is being monitored and/or recorded in order to satisfy periodic monitoring for compliance with the PBR and 106.4 general limits. Please add more detail to these statements.

Please see the attached Form OP-PBRSUP for more information.

g. When you correct the OP-PBRSUP, please re-submit all four tables as a set and re-date them, even if a particular table is not changing. There is a permit term that will reference that submittal date, so it needs to be the same for all pages.

Please see the attached Form OP-PBRSUP for more information.

3. OP-SUMR: Since this is the first time, we are adding PBR registration numbers to this permit, please add the units from Table A of the OP-PBRSUP that are in the permit to the OP-SUMR (these are B34VMTO210, B34VMFU02, B8MBFU180, B33INFU1). Ensure that their PBR/version date/registration numbers are included in the Preconstruction Authorization column. The form instructions explain the format to use when listed registered PBRs.

Please see the attached Form OP-SUMR for more information.

4. UA-01 mentioned added high-level requirements for NESHAP FF for B34VMTO210. First, high-level requirements (where we have generic statements about complying with the rule in lieu of detailed citations) are only allowed as a temporary measure when our rule analysis/form development is still pending, which is not the case for NESHAP FF. Second, I believe the requirements listed against B34VMTO210 are actually for tanks being routed to this device from other permits, based on prior permit files. Therefore, I believe we should address these requirements the same way the Dow agreed to do for other rules in recent revisions. We added customized terms to the Special Terms and Conditions to clarify that B33INS1 and B34VMTO210 control sources from other permits subject to NSPS NNN, MACT FFFF, and MACT PPP, and cited the other permit numbers/permit areas. (This was to avoid duplicate deviations, reduce confusion over what source types were in this permit, etc.) I have added another customized term for B34VMTO210 for this NESHAP FF (term #28) and removed the requirements from the control device ID. Please let me know what permit numbers contain the NESHAP FF tanks routed to B34VMTO210. Or, if you believe this approach should be different for this rule, please explain.

Dow would like to use the same approach that we used for 40 CFR Part 63, Subparts PPP and FFFF. Please list Title V Permits O2203 in ST&C #28.

5. A few updates will be needed for the existing customized MACT NNNNN requirements for B34VMTO210.

a. The rule was amended April 15, 2020, and November 19, 2020. Please review the existing citations in the permit and let me know if citations need to be added or removed based on the current rule language.

b. The existing permit only had one row (in the Applicable Requirements Summary Table) for the Cl_2 emission limit in 63.9000(a)-Table 1.1.b. We also need a row for the HCl limit in 63.9000(a)-Table 1.1.a. I have replaced 112(B) HAPS in the Pollutant column with Cl_2 for the existing row and remove some extra language from the textual

description. I've added a second row for the HCl limit. Please confirm whether you are complying with the 99% reduction option or the 20 ppmv outlet concentration option. Please also let me know the citations you believe will apply for this limit (they may be similar to the other row). You can add the citations in the WDP document, or you can provide them on an OP-REQ3.

Dow is choosing the 20 ppmv option for both HCl and CL2. Please see attached Form OP-REQ3 for more information.

6. UA-02 (from 9/4/2024 update):
   a. For units B3UBGE307A and OC1UOGE1, "10-15" was chosen for "Displacement" on Table 2b (NSPS IIII). That means that "E75-130" and "E130-368" are not available options for "Kilowatts" on Table 2c. I used "E75-368" for now. Please check the form instructions and provide corrected data.
   b. For units OC6U6OGE02A and OC6U6OGE02B, "10-CS" was chosen for "Displacement" on Table 2b (NSPS IIII). That means that "E75-368" is not an available option for "Kilowatts" on Table 2c. I used "E130-368" for now. Please check the form instructions and provide corrected data.

   Please see the attached Form OP-UA2/Table 5c for more information.

7. UA-03:
   a. Table 3 for NSPS Kb has a new question, WW Tank Control, that the application left blank. Please submit a corrected page with the answer filled in for all the units on the form in this application. (I believe the answer will be NONE.)
   b. In the 9/4/2024 update, Table 26b for MACT GGGGG needs three corrections. First, all units will need an answer for Control Device ID No. since all are indicated to be using a control device. Second, Bypass Device was answered No but that is not a choice. I believe it should be NONE. All units on this page will need that answer corrected. Then, for A16ELST27, A16ST100, and B35RSSP965, Control Device should be BPH, not BHP. Please submit a corrected page.

   Please see the attached Form OP-UA3/Tables 3 and 26b for more information.

8. UA-12:
   a. For B33INFU1, the SOP Index Nos. for NESHAP V and J got switched in the application. 61J-ALL was listed on Table 3a for NESHAP V and 61V-ALL was listed on Table 6 for NESHAP J. I used the correct number for each rule in the permit, but please correct these two pages of the form and resubmit.
   b. In the 9/4/2024 update, Table 21q for MACT GGGGG has some questions that are not needed for your units (the form instructions explain this but they are a little confusing). Essentially, you'll only need Negative Pressure and Bypass Device if a control device on Tables 21l or 21m is used, and Flare Compliance is only needed if a flare from Table 21m is used. Since those control devices are not used, please remove the answers from these three questions.

   Please see the attached Form OP-UA12/Tables 3a, 6, and 21q for more information.

9. UA-14: In the 9/4/2024 update, Table 12a for MACT GGGGG needs one correction. For Control Device, the code should be BPH, not BHP. Please submit a corrected page.

   Please see the attached Form OP-UA14/Table 12a for more information.

10. UA-15:
    a. For B8MBTO180, Table 6c for MACT G listed NO for Bypass Lines and NO for Flow Indicator. If there is no bypass line, then Flow Indicator can be left blank. Please confirm that NO for Bypass Lines is correct, or update to YES if needed.
    b. In the 9/4/2024 update, Table 16a for MACT GGGGG needs an answer for Design Evaluation. Please submit a corrected page.

Please see the attached Form OP-UA15/Tables 6c and 16a for more information.

11. UA-35:

    a. For B33INS1, Table 2a for Chapter 117, NOx Averaging Method was left blank. The existing answer was 1HR, which I have used. Please provide whichever answer is correct and submit the corrected page.

    b. For B34VMTO210, B35EWS200, and B35EWS20, Table 2b for Chapter 117, CO Monitoring System was answered as SAMP. This is not an available code choice. For now, I have kept the existing answer of OTHER. Please provide a valid code choice on a corrected page.

    c. For B33INS1, Table 8b for MACT EEE, Baghouse was answered as NO and PM Detection was answered as YES. An answer for PM Detection is only needed if Baghouse is YES. Please confirm the correct answer for Baghouse and remove the data from PM Detection if it is not needed. Provide the corrected page.

    Please see the attached Form OP-UA35/Tables 2a, 2b and 8b for more information.

12. Periodic Monitoring (OP-MON):

    a. Existing units B35EWS201, B35EWS200, and B34VMTO210 will need periodic monitoring for the CO limit in 30 TAC Chapter 117, Subchapter. For now, I used option PM-C-001. Please provide that on the OP-MON to confirm it is acceptable, or you are welcome to propose different monitoring (another option or case-by-case).

    Dow is still working on what PM option will be best for the three listed units. Form OP-MON will be submitted in a separate response.

    b. I updated the existing periodic monitoring for NSPS Kb for B33INST410 through B33INST460 to PM-V-007 based on the OP-MON in this application. The control device information in section V was not filled out. I used the same control device ID and type as the existing monitoring, but please confirm by adding this information to your latest OP-MONs for these six units.

    Please see the attached Form OP-MON for more information.

    c. For the existing periodic monitoring for Chapter 111, Visible Emissions, since the PM text states that a deviation will be reported if opacity is above 30%, I adjusted the deviation limit from "Opacity limit = 30%" to "Opacity greater than 30%." Please confirm this is acceptable.

    Dow agrees with this update and has no comments.

13. OP-REQ2: I made several adjustments/corrections to some of the citations or to the reasons to more closely match the rule text. Below is a list. Please confirm this is acceptable by revising the OP-REQ2 to match my changes or let me know of any problems.

    Dow agrees with all or your changes on the items listed below. Please see the attached Form OP-REQ2 for more information.

    a. For the Chapter 115, Industrial Wastewater shield for A16DUC100, the citation should be 115.142 instead of 115.147. 115.142 has an intro paragraph that says a component containing an affected VOC wastewater stream must be controlled. Since your reason is that the unit does not handle such a stream, 115.142 is what shows why the rule does not apply (also there is no exemption in section 115.147 that addresses that reason).

    b. For the MACT DD shield for A16ST100, I agree the unit is not subject to the rule since it does not receive off-site waste. However, 63.680(d) is not the appropriate citation. That citation contains a facility-wide exemption for less than 1 Mg/yr of HAPs in the offsite material received, and based on the OP-REQ1, this exemption does not apply. I have used 63.680(c)(1) with a more detailed reason "Unit does not receive off-site waste so is not an off-site material management unit under this rule." I made the same update to the existing MACT DD shields and the others being added, so they will all be consistent.

    c. For the MACT OO shield for A16ST100, there was a typo in the citation (63.9000 instead of 63.900). I corrected.

d. I noticed that for MACT OO and MACT VV shields, the negative applicability reason is the same from the rule text, although different wording had been used between the two for the shield requests. For consistency, I updated the wording for all these shields (old and new) to "No applicable subparts in Parts 60, 61, or 63 reference this subpart."

e. Some of the fugitive unit rows on the OP-REQ2 had 115.132 for the citation for Chapter 115, Pet. Refinery & Petrochemicals instead of the correct 115.352. I fixed.

f. For the MACT T shield for B33EISC329, the citation was missing. I kept the existing citation of 63.460(a). I also adjusted the existing words to clarify and to more closely match the rule text.

g. For the NESHAP J and V shields for B33INFU2, I adjusted the wording in the existing reason to more closely match the rule text: "Equipment subject to MACT H and 40 CFR Part 61 is only required to comply with MACT H."

h. For the MACT I shield for B34VMFU02, I adjusted the wording to "Equipment is not part of a process identified in the regulation." (Existing reason said "not an applicable process…" but a source can't be "applicable" to a rule. Sources are subject to rules and rules are applicable to sources.) I did the same for other MACT I shields.

i. For the NESHAP V shield for A42ELFU1, B35EWFU1, and B8MBFU180, I adjusted reason from "Not in VHAP service" to "Does not operate in VHAP service." That way it matches the other NESHAP V shields.

j. For the NSPS Kb shield requests for OC1UOST1 and OC6UOST004, two reasons were listed – Storage vessel with capacity less than 19,800 gallons and Constructed before 7/23/84. Since the NSPS Ka request said constructed after 7/23/84, that was contradictory. I used the storage capacity reason.

k. For the MACT G shield requests for OC1UOST1 and OC6UOST004, there were two rows on the OP-REQ2, each with a different citation/reason. For now I used the one with 63.100(b) and "Not a part of a chemical manufacturing process unit". Let me know if I should have used the other instead (63.110(a) and "Does not handle an affected liquid stream subject to 63.149").

l. For the existing NESHAP C shield for B33INS1, I removed "from sources subject to this subpart" from the end of the reason since it does not make sense in this context. That is because the subpart does not specify sources from which the listed material comes. "Sources subject to the subpart" are the units/facilities that are processing the listed material. Thus, the portion explaining that this incinerator does not process the listed material is a proper and sufficient way to explain the rule does not apply.

m. Over the past several years we have worked to streamline our permit shield sections to focus on rules that are truly potentially applicable. This reduces review time for permit reviewers and applicants and also makes the permit more readable. Therefore, I have identified the following permit shields that I do not believe are necessary. Please review this list and let me know if Dow is willing to remove any of these shields by removing them from the OP-REQ2.

    i. For tanks, since NSPS K, Ka, and Kb applicability is distinguished by construction/reconstruction/modification date, it is only necessary to address the rule that corresponds to the age of the tank. For the tanks where new shields were added (A16ST100, OC1UOST1, OC1UOST36, OC2UOST24, OC4UOST10, OC4UOST17, OC4UOST30, OC6UOST004, OC6UOST15) I only granted the NSPS Kb shields. For the units with existing shields, I would also like to reduce the "K-series" shields to either NSPS K, Ka, or Kb depending on when the tank was con/recon/mod. Please let me know if acceptable and update OP-REQ2.

    ii. Since this site is a chemical plant, I'd like to remove all the shields (from any affected unit types) for NESHAP L (for furnace and foundry coke by-product recovery plant), MACT HH (for oil-and-gas production facility), MACT R (for bulk gasoline terminal), NSPS XX (for bulk gasoline terminal), NSPS QQQ (for petroleum refining), and MACT CC (for petroleum refining). Those rules really aren't potentially applicable to your permit area. Please let me know if acceptable and update OP-REQ2.

Working Draft Permit Comments

Special Terms & Conditions (ST&C)

1. Please remove ST&C #4 regarding storage vessels maintaining working pressure. Form OP-REQ1 (Page 4) is attached with our updated response.
2. Please remove ST&C #5 regarding degassing of storage tanks, transport vessels and marine vessels. Form OP-REQ1 (Pages 10-11) are attached with our updated responses.
3. Please remove ST&C #18 regarding thermoplastic product process facilities. Form OP-REQ1 (Pages 64-66) are attached with our updated responses.
4. Why was ST&C #1.N (in the current Title V Permit) removed? I'm not seeing which question we would answer on Form OP-REQ1 that mentions 30 TAC Chapter 101, Subchapter H, Division 3.
5. Please add ST&C #4 (in the current Title V Permit), regarding industrial wastewater, back to the Title V Permit. Form OP-REQ1 (Page 5) is attached with our updated responses.
6. Please add ST&C #7 (in the current Title V Permit), regarding exempt HRVOC vent streams, back to the Title V Permit. Form OP-REQ1 (Page 12) is attached with our updated response.
7. Please add ST&C #11 (in the current Title V Permit), regarding containers subject to 40 CFR Part 61, Subpart FF, back to the Title V Permit. Form OP-REQ1 (Page 32) is attached with our updated responses.
8. Please add ST&C #15 (in the current Title V Permit), regarding Group 2 wastewater streams, back to the Title V Permit. Form OP-REQ1 (Page 37) is attached with our updated response.
9. Please add ST&C #19 (in the current Title V Permit), regarding containers subject to 40 CFR Part 63, Subpart PPP, back to the Title V Permit. Form OP-REQ1 (Pages 55-56) are attached with our updated responses.
10. Why was ST&C #20 (in the current Title V Permit) removed? I'm not seeing which question we would answer on Form OP-REQ1 that mentions 63.1095(b)(2).

Unit Summary

1. B35RSSP965: Please update the 30 TAC Chapter 115, Water Separation SOP Index No. from "R5132-01" to "R5131-01" in order for all SOP Index Nos. to remain consistent throughout the entire Title V Permit.
2. PROIN33; PROMB824: Please update the 40 CFR Part 63, Subpart G SOP Index No. from "R5-63G-01" to "63G-01" in order for all SOP Index Nos. to remain consistent throughout the entire Title V Permit.

Applicable Requirements Summary

1. B35RSSP965: Please update the 30 TAC Chapter 115, Water Separation SOP Index No. from "R5132-01" to "R5131-01" in order for all SOP Index Nos. to remain consistent throughout the entire Title V Permit.
2. PROIN33; PROMB824: Please update the 40 CFR Part 63, Subpart G SOP Index No. from "R5-63G-01" to "63G-01" in order for all SOP Index Nos. to remain consistent throughout the entire Title V Permit.

New Source Review Authorization References

1. Please add Industrial Hazardous Waste Permit "HW-50161-001" this table. It is listed in the current permit and the renewal application received by TCEQ on April 29, 2024.

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

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		A42ELFU1	OP-UA12	A42 FUGITIVES		18145 ***106.261/11/01/2003 [52152]*** ***106.533/07/04/2004 [52152]***	
		A42ELLR1	OP-UA19	A42 LOADING		18145 ***106.261/11/01/2003 [52152]*** ***106.533/07/04/2004 [52152]***	
		B33INFU1	OP-UA12	TEXAS KILN FUGITIVES		HW-50161-001, 106.261/11/01/2003 ***[109043, 141281, 149980, 152213, 108969]*** 106.262/11/01/2003 ***[109043, 141281, 149980, 152213, 108969]***	
		B34VMFU02	OP-UA12	FTO R5 AND HON FUGITIVES		46428 106.261/11/01/2003 ***[154590]*** 106.262/11/01/2003 ***[154590]***	
		B34VMTO210	OP-UA1 OP-UA6 OP-UA15 OP-UA35	FTO, R-1210A/B		46428 145335 106.261/11/01/2003 ***[104045]*** 106.262/11/01/2003 ***[104045]***	
		B35EWFU1	OP-UA12	B-3500 PROCESS AREA		20909 ***106.261/11/01/2003 [151647]*** ***106.262/11/01/2003 [151647]***	
		B47ELFU1	OP-UA12	B47 FUGITIVES		20687 ***106.261/11/01/2003 [164321]*** ***106.262/11/01/2003 [164321]***	

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		B47ENVST1	OP-UA3 OP-UA19	GROUNDWATER PROCESS TANK V-1		20687 ***106.261/11/01/2003 [168461]*** ***106.262/11/01/2003 [168461]***	
		B47ENVST2	OP-UA3 OP-UA19	GROUNDWATER PROCESS TANK V-2		20687 ***106.261/11/01/2003 [168461]*** ***106.262/11/01/2003 [168461]***	
		B8MBFU180	OP-UA12	FUGITIVES:B-824 STORAGE		313 106.261/11/01/2003 ***[109043, 108969]*** 106.262/11/01/2003 ***[109043, 108969]*** ~~106.264/09/04/2000~~	
		PROA16	OP-UA57	GROUNDWATER RECOVERY		83792 ***106.263/11/01/2001***	
		PROA27	OP-UA57	GROUNDWATER RECOVERY		83792 ***106.263/11/01/2001***	
		PROA42	OP-UA57	GROUNDWATER RECOVERY		83792 ***106.263/11/01/2001***	
		PROB33	OP-UA57	KILN		83792 ***106.263/11/01/2001***	
		PROB34	OP-UA57	PLANT B VENT MANAGEMENT		83792 ***106.263/11/01/2001***	
		PROB35	OP-UA57	WASTE WATER TREATMENT PLANT		83792 ***106.263/11/01/2001***	

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		PROB47	OP-UA57	GROUNDWATER RECOVERY		83792 ***106.263/11/01/2001***	
		PROB51	OP-UA57	LANDFILL		83792 ***106.263/11/01/2001***	
		PROB8	OP-UA57	THERMAL OXIDIZER		83792 ***106.263/11/01/2001***	
		PROIN33	OP-UA58	ENVIRONMENTAL OPERATIONS-INCINERATOR		HW-50161-001 ***106.263/11/01/2001***	
		PROMB824	OP-UA58	ENVIRONMENTAL OPERATIONS-THERMAL OXIDIZER		313 ***106.263/11/01/2001***	
		PROWD	OP-UA57	WATER DISTRIBUTION SYSTEM		83792 ***106.263/11/01/2001***	

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

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

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
B3UBGE307A	60IIII-01	***E75-368*** ~~E75-135~~		NO	NO	MANU YES		
OC1UOGE1	60IIII-01	***E75-368*** ~~E130-368~~		NO	NO	MANU YES		
OC6U6OGE02A	60IIII-01	***E130-368*** ~~E75-368~~		NO	NO	MANU YES		
OC6U6OGE02B	60IIII-01	***E130-368*** ~~E75-368~~		NO	NO	MANU YES		

Storage Tank/Vessel Unit Attributes – Form OP-UA3 (Page 3)
Federal Operating Permit Program

Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
B33INST410	60Kb-01	VOL	20K-40K	***NONE***	4.0-11.1	CVS-CD			B33INS1	
B33INST420	60Kb-01	VOL	20K-40K	***NONE***	4.0-11.1	CVS-CD			B33INS1	
B33INST430	60Kb-01	VOL	20K-40K	***NONE***	4.0-11.1	CVS-CD			B33INS1	
B33INST440	60Kb-01	VOL	20K-40K	***NONE***	4.0-11.1	CVS-CD			B33INS1	
B33INST450	60Kb-01	VOL	20K-40K	***NONE***	4.0-11.1	CVS-CD			B33INS1	
B33INST460	60Kb-01	VOL	20K-40K	***NONE***	4.0-11.1	CVS-CD			B33INS1	

Storage Tank/Vessel Unit Attributes – Form OP-UA3 (Page 69)
Federal Operating Permit Program

Table 26b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Work Practice Standards	Alternative Work Practice Standards ID No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance
A16ELST27	63GGGGG-01	***BPH*** ~~BHP~~	***A16CETX01 (O1388) A16CETX02 (O1388)***	NO		YES	***NONE*** ~~NO~~	NO	NOEM
A16ST100	63GGGGG-01	***BPH*** ~~BHP~~	***A16CETX01 (O1388) A16CETX02 (O1388)***	NO		YES	***NONE*** ~~NO~~	NO	NOEM
A42D101	63GGGGG-01	CASNR	***A42CB1***	NO		YES	***NONE*** ~~NO~~	NO	NOEM
A42D102	63GGGGG-01	CASNR	***A42CB1***	NO		YES	***NONE*** ~~NO~~	NO	NOEM
B35RSSP965	63GGGGG-01	***BPH*** ~~BHP~~	***B35EWS200***	NO		YES	***NONE*** ~~NO~~	NO	NOEM
B47ENVST1	63GGGGG-01	CASNR	***B47CB1***	NO		YES	***NONE*** ~~NO~~	NO	NOEM

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 22)
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.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Component					
		Any Component		Pumps	AMEL	AMEL ID No.	Complying with § 61.242-2
		Vacuum Service	VHAP Service				
B33INFU1	***61V-ALL*** ~~61J ALL~~						

Fugitive Emission Unit Attributes – Form OP-UA12 (Page 52)
Federal Operating Permit Program

Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	Design Capacity	Any Component in Benzene Service	AMEL	AMEL ID No.
B33INFU1	***61J-ALL*** ~~61V-ALL~~				

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 216)
Federal Operating Permit Program

Table 21q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID. No.	SOP Index No.	Enc.-Vent. Process Unit AMEL-UU	Enc.-Vent. Process Unit AMEL-UU ID No.	Negative Pressure	Bypass Device	Flare Compliance
A16EFU02	63GGGGG-01	~~NO~~	~~NO~~	NO	NO	~~NO~~
A27ELFU1	63GGGGG-01	~~NO~~	~~NO~~	NO	NO	~~NO~~
A42ELFU1	63GGGGG-01	~~NO~~	~~NO~~	NO	NO	~~NO~~
B35EWFU1	63GGGGG-01	~~NO~~	~~NO~~	NO	NO	~~NO~~
B47ELFU1	63GGGGG-01	~~NO~~	~~NO~~	NO	NO	~~NO~~

Water Separator Attributes - Form OP-UA14 (Page 30)
Federal Operating Permit Program

Table 12a: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	Means of Compliance	AMOC ID No.	Control Device	Control Device ID No.	Alternative Control Device Standards	Alternative Control Device Standard ID No.
B35EWPT910	63GGGGG-01	CVSCD		***BPH*** ~~BHP~~	B35EWS200	NO	
B35RSSP955	63GGGGG-01	CVSCD		***BPH*** ~~BHP~~	B35EWS200	NO	
B35EWSP970	63GGGGG-01	CVSCD		***BPH*** ~~BHP~~	B35EWS200	NO	

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes – Form OP-UA15 (Page 15)
Federal Operating Permit Program

Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Emission Point ID No.	SOP Index No.	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No.	Bypass Lines	Flow Indicator
B8MBTO180	63G-01	NO		NOALT		NO	~~NO~~

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes – Form OP-UA15 (Page 41)
Federal Operating Permit Program

Table 16a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Emission Point ID No.	SOP Index No.	Emissions	Uncontrolled Vent Streams	Control Device	Control Device ID No.	Alternative Work Practice Standards	Alternative Work Practice Standards ID No.	Design Evaluation
A16DUC100	63GGGGG-01	HAP95	NO	BPH	A16CETX01 (O1388) A16CETX002 (O1388)			***NO***
B35EWSP930	63GGGGG-01	HAP95	NO	BPH	B35EWS200			***NO***

Incinerator Attributes – Form OP-UA35 (Page 2)
Federal Operating Permit Program

Table 2a: 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, Incinerators

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	Maximum Rated Capacity	NOx Emission Limitation	23C-Option	NOx Reduction	NOx Monitoring System	NOx Averaging Method
B33INS1	R7ICI-01	40-100	310		NONE	CEMS	***1HR***

Incinerator Attributes – Form OP-UA35 (Page 3)
Federal Operating Permit Program

Table 2b: 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, Incinerators

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
B34VMTO210	R7ICI-01	X40A	310	***OTHER*** ~~SAMP~~		
B35EWS200	R7ICI-01	X40A	310	***OTHER*** ~~SAMP~~		
B35EWS201	R7ICI-01	X40A	310	***OTHER*** ~~SAMP~~		

Incinerator Attributes – Form OP-UA35 (Page 13)
Federal Operating Permit Program

Table 8b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors

Date	Permit No.:	Regulated Entity No.
November 1, 2024	O2211	RN10025945

Unit ID No.	SOP Index No.	CO/THC Standard	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone
B33INS1	63EEE-01	CO-5	NO	~~YES~~	NO	NO	

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 4)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 5)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 10)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)			
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)			
♦	3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☒ No ☐ N/A
♦	4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☒ ***No*** ☐ N/A ~~☒ Yes ☐ No ☐ N/A~~
♦	5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☒ No
♦	6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐ Yes ☒ No ☐ N/A
♦	7.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	☐ Yes ☒ No ☐ N/A
M. Petroleum Dry Cleaning Systems			
	1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☐ No ☐ N/A

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

♦

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)		
	3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	☐ Yes ☐ No
	4. The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5. The application area includes individual drain systems. *If the response to Question VI.G.5 is "No," go to Section VI.H.*	☐ Yes ☐ No
	6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
	7. The application area includes completely closed drain systems.	☐ Yes ☐ No
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. *If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4.*	☐ Yes ☒ ***No*** ☐ N/A ~~☐ Yes ☐ No ☒ N/A~~
♦	2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
♦	3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐ Yes ☐ No
♦	4. The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "No," go to Section VI.I.*	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)			
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)			
♦	3.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.I.4 is "No," go to Section VI.J.*	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
♦	5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. *If the response to Question VI.I.5 is "No," go to VI.I.7.*	☐ Yes ☐ No
♦	6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No
♦	7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	☐ Yes ☐ No
♦	8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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. *If the response to Question VII.H.15 is "No," go to Question VII.H.18.*	☒ ***Yes*** ☐ No ~~☐ Yes ☒ No~~
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.*	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. *If the response to Question VII.H.18 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.*	☐ Yes ☐ No
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VII.H.20 is "No," go to Question VII.H.22.*	☐ Yes ☐ No
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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

♦

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 55)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

VIII.Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
R.Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)		
1.	The application area includes shipbuilding or ship repair operations. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐ Yes ☐ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ No
S.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. *If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.*	☐ Yes ☐ No ☐ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ No
T.Subpart KK - National Emission Standards for the Printing and Publishing Industry		
1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	☐ Yes ☐ No ☐ N/A
U.Subpart PP - National Emission Standards for Containers		
1.	The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☒ ***Yes*** ☐ No ~~☐ Yes ☒ No~~
2.	The application area includes containers using Container Level 1 controls.	☒ ***Yes*** ☐ No ~~☐ Yes ☐ No~~
3.	The application area includes containers using Container Level 2 controls.	☒ ***Yes*** ☐ No ~~☐ Yes ☐ No~~

♦

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
U.Subpart PP - National Emission Standards for Containers (continued)		
4.	The application area includes containers using Container Level 3 controls.	☐ Yes ☒ **No** ~~☐ Yes ☐ No~~
V.Subpart RR - National Emission Standards for Individual Drain Systems		
1.	The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	☐ Yes ☐ No
W.Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards		
1.	The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	☐ Yes ☐ No
2.	The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.*	☐ Yes ☐ No
3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	☐ Yes ☐ No
5.	All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	☐ Yes ☐ No
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.*	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
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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.	☐ Yes ☐ No
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "No," go to Section VIII.X.*	☐ Yes ☐ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ No
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. *If the response to Question VIII.X.1 is "No," go to Section VIII.Y.*	☐ Yes ☒ ***No*** ~~☒ Yes ☐ No~~
2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. *If the response to Question VIII.X.2 is "No," go to Section VIII.Y.*	☐ Yes ☐ No ~~☒ Yes ☐ No~~
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
5.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No ~~☐ Yes ☒ No~~
6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No ~~☐ Yes ☒ No~~
7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐ Yes ☐ No ~~☐ Yes ☒ No~~
8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~
9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~
10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No ~~☐ Yes ☒ No~~
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

VIII.Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
X.Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
13.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
Containers		
14.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No ~~☐ Yes ☒ No~~
Drains		
15.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~
16.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
17.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. *If the response to Question VIII.X.18 is "No," go to Section VIII.Y.*	☐ Yes ☐ No ~~☐ Yes ☒ No~~

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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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. *If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.*	☒ Yes ☐ No ☐ N/A
♦	2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
		40 CFR Part 63, ~~Subparts EEE~~, EEEE (OLD), and NNNNN	
C. Emission Limitation Certifications			
♦	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☐ Yes ☐ No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements			
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☐ No
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☐ No
	3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. *If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☐ No
	4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. *If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
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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.	☐ Yes ☐ No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ☐ No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ☐ No
F.40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X Ozone Season Group 2 Trading Program		
1.	The application area includes emission units subject to the requirements of the CSAPR NO_X Ozone Season Group 2 Trading Program. *If the response to Question XI.F.1 is "No," go to Question XI.F.7.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.	☐ Yes ☐ No
3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ No
4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐ Yes ☐ No
5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO_X and heat input.	☐ Yes ☐ No
6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO_X and heat input.	☐ Yes ☐ No
7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ☒ No ~~☐ Yes ☐ No~~

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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XI. Miscellaneous (continued)		
G.40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program		
1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "No," go to Question XI.G.6.*	☐ Yes ☒ No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO_2 and 40 CFR Part 75, Subpart H for heat input.	☐ Yes ☐ No
3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO_2 and heat input.	☐ Yes ☐ No
4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO_2 and heat input.	☐ Yes ☐ No
5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO_2 and heat input.	☐ Yes ☐ No
6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ☒ No ~~☐ Yes ☐ No~~
H.Permit Shield (SOP Applicants Only)		
1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	☐ Yes ☐ No

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 87)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

For SOP applications, answer ALL questions unless otherwise directed.
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XII.New Source Review (NSR) Authorizations (continued)		
B.Air Quality Standard Permits (continued)		
♦	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
♦	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "No," go to Question XII.B.15.*	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
♦	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
♦	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
♦	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
♦	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☒ ***No*** ~~☐ Yes ☐ No~~
C.Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☐ No
D.Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☐ No

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

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
313	08/06/2021	20909	11/21/2017	83792	12/09/2020
18145	04/19/2023	46428	05/29/2018	145335	03/28/2017
20687	09/18/2023	71062	08/09/2022		

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
61	04/05/1995	106.263	11/01/2001	106.476	09/04/2000
61	10/04/1995	106.264	09/04/2000	106.478	09/04/2000
106.261	12/24/1998	***106.371*** ~~106.372~~	09/04/2000	106.511	09/04/2000
106.261	09/04/2000	106.452	09/04/2000	106.532	03/14/1997
106.261	11/01/2003	~~106.454~~	~~07/08/1998~~	106.532	09/04/2000
106.262	12/24/1998	106.454	11/01/2001	~~106.533~~	~~03/14/1997~~
106.262	09/04/2000	106.472	09/04/2000	106.533	07/04/2004
106.262	11/01/2003	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
HW-50161-001					

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		A16DUC100	OP-REQ2	30 TAC Chapter 115, Industrial Wastewater	***115.142*** ~~115.147~~	Does not handle an affected VOC wastewater stream.
		A16ELST27	OP-UA19	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not referenced by another applicable subpart in 40 CFR 60, 61, or 63.~~
		~~A16ST100~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110b(a)~~	~~Constructed after 5/19/78~~
		~~A16ST100~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110b(a)~~	~~Constructed after 7/23/84~~
		A16ST100	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity <19,800 gallons
		A16ST100	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		A16ST100	OP-UA3	40 CFR Part 63, Subpart OO	***63.900*** ~~63.9000~~	No applicable subparts with 60, 61, or 63 reference this subpart
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids.~~
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids.~~
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery.~~
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant.~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit.~~
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility.~~
		~~A25UAST25~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal.~~
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		A25UAST250	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~A25UAST250~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~A25UAST25A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~A25UAST25B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A25UAST500	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~A25UAST500~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		A27ELFU1	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	***115.352*** ~~115.132~~	Not a specified process
		A42ELFU1	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	***115.352*** ~~115.132~~	Not a specified process
		A42ELFU1	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	***Does not operate in VHAP service*** ~~Not in VHAP service~~
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~A70UAST70A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~A91UAST91A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~A91UAST91B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B14UBST14A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids.~~
		~~B14UBST14A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids.~~
		~~B14UBST14A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B14UBST14A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B14UBST14A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B14UBST14A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B14UBST14A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B14UBST14A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B18UBST18B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		B33CV100	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		B33CV101	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		B33CV102	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		B33EISC329	OP-UA16	40 CFR Part 63, Subpart T	***63.460(a)***	***Uses solvents with total concentration less than 5% by weight of referenced halogenated solvents*** ~~<5% by lbs referenced halogenated solvents~~
		B33INFU1	OP-UA12	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	***115.352*** ~~115.132~~	Not a specified process
		B33INFU1	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	***Equipment is not part of a process identified in the regulation*** ~~Not an applicable process identified in the regulation~~
		B33INFU2	OP-UA12	40 CFR Part 61, Subpart J	63.160(b)(2)	***Equipment subject to MACT H and 40 CFR Part 61 is only required to comply with MACT H*** ~~NESHAP J superseded by MACT H~~
		B33INFU2	OP-UA12	40 CFR Part 61, Subpart V	63.160(b)(2)	***Equipment subject to MACT H and 40 CFR Part 61 is only required to comply with MACT H*** ~~NESHAP V superseded by MACT H~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B33INFU2~~	~~OP-UA12~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B33INS1~~	~~OP-UA35~~	~~40 CFR Part 61, Subpart C~~	~~61.30(a)~~	~~Does not process beryllium ore, metal, oxide, alloys, or beryllium containing waste from sources subject to this subpart.~~
		~~B33INST410~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B33INST410~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B33INST410~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B33INST410~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B33INST410~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B33INST420~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B33INST420~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B33INST420~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B33INST420~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B33INST420~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B33INST430~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B33INST430~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B33INST430~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B33INST430~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B33INST430~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B33INST440~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B33INST440~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B33INST440~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B33INST440~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B33INST440~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B33INST450~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B33INST450~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B33INST450~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B33INST450~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B33INST450~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B33INST460~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B33INST460~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B33INST460~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B33INST460~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B33INST460~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B34VMFU02~~	~~OP-UA12~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		B34VMFU02	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	***Equipment is not part of a process identified in the regulation*** ~~Not an applicable process identified in the regulation~~
		B35EWFU1	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	***Does not operate in VHAP service*** ~~Not in VHAP service~~
		B35EWFU2	UA12	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		B35EWFU2	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	***Equipment is not part of a process identified in the regulation*** ~~Not an applicable process identified in the regulation~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B35EWSP940~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B35EWSP940~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B35EWSP940~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B35EWSP940	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		~~B35EWSP970~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B35EWSP970~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product plant~~
		~~B35EWSP970~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B35EWSP970	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		B35EWST33	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		~~B35EWTLRCL~~	~~OP-UA4~~	~~40 CFR Part 60, Subpart XX~~	~~60.500(a)~~	~~Not a bulk gasoline terminal~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B35EWTLRCL~~	~~OP-UA4~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B35RSSP935~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B35RSSP935~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace or foundry coke by-product recovery plant~~
		~~B35RSSP935~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B35RSSP935	OP-UA14	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		B35RSSP935	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		~~B35RSSP945~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B35RSSP945~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace or foundry coke by-product recovery plant~~
		~~B35RSSP945~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B35RSSP945	OP-UA14	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		B35RSSP945	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		~~B35RSSP955~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B35RSSP955~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace or foundry coke by-product recovery plant~~
		~~B35RSSP955~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B35RSSP955	OP-UA14	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		B35RSSP955	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		~~B35RSSP965~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B35RSSP965~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace or foundry coke by-product recovery plant~~
		~~B35RSSP965~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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		B35RSSP965	OP-UA14	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		B35RSSP965	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	***No applicable subparts in Parts 60, 61, or 63 reference this subpart.*** ~~Not subject to a subpart which references the use of this subpart~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B36UBST36A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B36UBST36B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B3UBST309A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B5UBST516A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B5UBST516B~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B64UBST640~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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		~~B71UBST71A~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B73UBST73A~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B73UBST73A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B73UBST73A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B73UBST73A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B73UBST73A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B73UBST73A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B73UBST73A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B73UBST73A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil natural gas production facility~~
		~~B73UBST73B~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		B8MBFU180	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	***Does not operate in VHAP service*** ~~Not in VHAP service~~
		~~B8MBFU2~~	~~OP-UA12~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		B8MBFU2	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	***Equipment is not part of a process identified in the regulation*** ~~Not an applicable process identified in the regulation~~
		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B8MBSTV2~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B8MBSTV4~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B8MBSTV5~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Does not store petroleum liquids~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Does not store petroleum liquids~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~B8UBST830A~~	~~OP-UA3~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~OC1UOST1~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~ ~~Does not store petroleum liquids~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~OC1UOST1~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~ ~~Does not store petroleum liquids~~
		OC1UOST1	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity <19,800 gallons ~~Constructed before 7/23/84~~
		~~OC1UOST1~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart G~~	~~63.110(a)~~	~~Does not handle an affected liquid stream subject to 63.149~~
		~~OC1UOST1~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		OC1UOST1	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC1UOST1~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~OC1UOST1~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		~~OC1UOST36~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~
		~~OC1UOST36~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~
		OC1UOST36	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC2UOST24~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~OC2UOST24~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~
		OC2UOST24	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC4UOST10~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~
		~~OC4UOST10~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~
		OC4UOST10	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC4UOST17~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~
		~~OC4UOST17~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~
		OC4UOST17	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC4UOST30~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~
		~~OC4UOST30~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		OC4UOST30	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~ ~~Does not store petroleum liquids~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~ ~~Does not store petroleum liquids~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart G~~	~~63.110(a)~~	~~Does not handle an affected liquid stream subject to 63.149~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart HH~~	~~63.760(a)~~	~~Not located at an oil or natural gas production facility~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart OO~~	~~63.900~~	~~No applicable subparts with 60, 61 or 63 reference this subpart~~
		~~OC6UOST004~~	~~OP-REQ2~~	~~40 CFR Part 63, Subpart R~~	~~63.420(a)~~	~~Not a bulk gasoline terminal~~
		OC6UOST004	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~
		~~OC6UOST15~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart K~~	~~60.110(a)~~	~~Constructed after 5/19/78~~

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations

Date	Permit No.	Regulated Entity No.
November 1, 2024	O2211	RN10025945

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
		~~OC6UOST15~~	~~OP-REQ2~~	~~40 CFR Part 60, Subpart Ka~~	~~60.110a(a)~~	~~Constructed after 7/23/84~~
		~~OC6UOST15~~	OP-REQ2	40 CFR Part 63, Subpart DD	***63.680(c)(1)*** ~~63.680(d)~~	***Unit does not receive off-site waste so is not an off-site material management unit under this rule*** ~~Does not receive off-site waste~~

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

Date: November 1, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B34VMTO210	OP-UA1	63NNNNN-01	Chlorine	40 CFR Part 63, Subpart NNNNN	63.9000(a)-Table 1.1.b, 63.9000(a)-(b), 63.9000(b)-Table 2.1, 63.9005(a)-(c), [G](d), 63.9030(a)-(b), 63.9040(a)-(c), (e)
	B34VMTO210	***OP-UA1***	***63NNNNN-01***	***HCl***	***40 CFR Part 63, Subpart NNNNN***	***63.9000(a)-Table 1.1.a, 63.9000(a)-(b), 63.9000(b)-Table 2.1, 63.9005(a)-(c), [G](d), 63.9030(a)-(b), 63.9040(a)-(c), (e)***

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

Date: November 1, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B34VMTO210	63NNNNN-01	Chlorine	[G]63.9005(d), 63.9010(b), 63.9015(a)-(b), [G]63.9020(a), (d), [G]63.9020(e), 63.9020-Table 3, [G]63.9025(a), (b), 63.9030-Table 4, 63.9035(a), (d)-(e), 63.9040-Table 5	63.9035(a), [G](b), (d)-(e), 63.9055(a), (b)(1)-(5), ***[G](c), (d),*** 63.9060(a)-(d)	[G]63.9005(d), 63.9015(b), 63.9030(c), 63.9040(c), 63.9045(a), ***(b),*** (d), (f), [G](g), 63.9050(a), [G](b), (c)(1)-(9), [G]63.9050(d), (e), [G](f), 63.9050-Table 6
	B34VMTO210	***63NNNNN-01***	***HCl***	***[G]63.9005(d), 63.9010(b), 63.9015(a)-(b), [G]63.9020(a), (d), [G]63.9020(e), 63.9020-Table 3, [G]63.9025(a), (b), 63.9030-Table 4, 63.9035(a), (d)-(e), 63.9040-Table 5***	***63.9035(a), [G](b), (d)-(e), 63.9055(a), (b)(1)-(5), [G](c), (d), 63.9060(a)-(d)***	***[G]63.9005(d), 63.9015(b), 63.9030(c), 63.9040(c), 63.9045(a), (b), (d), (f), [G](g), 63.9050(a), [G](b), (c)(1)-(9), [G]63.9050(d), (e), [G](f), 63.9050-Table 6***

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B34VMTO210	104045	106.261 106.262	10/11/2012
B34VMFU02	154590	106.261 106.262	01/23/2019
B8MBFU180 B33INFU1	109043	106.261 106.262	05/16/2013
B33INFU1	141281	106.261 106.262	09/02/2016 05/18/2017
B33INFU1	149980	106.261 106.262	02/14/2018
B33INFU1	152213	106.261 106.262	06/22/2018
Bulb Crusher	91883	106.262	03/26/2010
~~Bulb Crusher~~	~~169309~~	~~106.262~~	~~10/06/2011~~
A42ELFU1 ***A42ELLR1*** ***A42CB1***	***52152***	***106.261*** ***106.533***	***09/06/2002***
B8MBFU180 ***B33INFU1***	***108969***	***106.261*** ***106.262***	***05/07/2013***
B47ELFU1	***164321***	***106.261*** ***106.262***	***03/24/2021***
B47ENVST1 ***B47ENVST2***	***168461***	***106.261*** ***106.262***	***04/29/2022***

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B35EWFU1	***151647***	***106.261*** ***106.262***	***05/17/2018***

Permit By Rule Supplemental Table (Page 2 continued)
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
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B33INCT100	106.371	09/04/2000
A25UAGE00A	106.511	09/04/2000
A25UAGE00B	106.511	09/04/2000
A25UAGE03G	106.511	09/04/2000
A25UAGE03H	106.511	09/04/2000
A25UAGE03I	106.511	09/04/2000
A25UAGE07C	106.511	09/04/2000
A25UAGE508	106.511	09/04/2000
A5UAGE500A	106.511	09/04/2000
A5UAGE500E	106.511	09/04/2000
A70UAGE00B	106.511	09/04/2000
A70UAGE00C	106.511	09/04/2000
A91UAGE01D	106.511	09/04/2000
A91UAGE01F	106.511	09/04/2000
B12UBGE00A	106.511	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B12UBGE00C	106.511	09/04/2000
B14UBGE400	106.511	09/04/2000
B18UBGE800	106.511	09/04/2000
B20UBGE000	106.511	09/04/2000
B33INGEAUX	106.511	09/04/2000
B36UBGE10C	106.511	09/04/2000
B36UBGE10E	106.511	09/04/2000
B3UBGE307A	106.511	09/04/2000
B3UBGE309	106.511	09/04/2000
B3UBGE309E	106.511	09/04/2000
B5UBGE516D	106.511	09/04/2000
B5UBGE516E	106.511	09/04/2000
B64UBGE401	106.511	09/04/2000
B71UBGE00D	106.511	09/04/2000
B73UBGE00D	106.511	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B73UBGE00E	106.511	09/04/2000
B87UBGE700	106.511	09/04/2000
B8UBGE830	106.511	09/04/2000
OC1U1GE60C	106.511	09/04/2000
OC2U2GE122	106.511	09/04/2000
OC4U4GE000	106.511	09/04/2000
OC4U4GE502	106.511	09/04/2000
OC4U4GE505	106.511	09/04/2000
OC6U6GE02A	106.511	09/04/2000
OC6U6GE02B	106.511	09/04/2000
A25UAST250	106.472	09/04/2000
A25UAST25A	106.472	09/04/2000
A25UAST25B	106.472	09/04/2000
A25UAST25	106.472	09/04/2000
A25UAST500	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
A70UAST70A	106.472	09/04/2000
A91UAST91A	106.472	09/04/2000
A91UAST91B	106.472	09/04/2000
B14UBST14A	106.472	09/04/2000
B18UBST18B	106.472	09/04/2000
B36UBST36A	106.472	09/04/2000
B36UBST36B	106.472	09/04/2000
B3UBST309A	106.472	09/04/2000
B5UBST516A	106.472	09/04/2000
B5UBST516B	106.472	09/04/2000
B64UBST640	106.472	09/04/2000
B71UBST71A	106.472	09/04/2000
B73UBST73A	106.472	09/04/2000
B73UBST73B	106.472	09/04/2000
B8UBST830A	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 2 continued)
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
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
OC1UOST36	106.472	09/04/2000
OC2UOST24	106.472	09/04/2000
OC4UOST10	106.472	09/04/2000
OC4UOST17	106.472	09/04/2000
OC4UOST30	106.472	09/04/2000
OC6UOST15	106.472	09/04/2000
B33EISC329	106.454	~~07/08/1998~~ 11/01/2001
B50SC5008	106.454	~~07/08/1998~~ 11/01/2001
A27ARST200	106.533	~~03/14/1997~~ 07/04/2004
A27ARST202	106.533	~~03/14/1997~~ 07/04/2004
A27ARST204	106.533	~~03/14/1997~~ 07/04/2004
A27ELFU1	106.533	~~03/14/1997~~ 07/04/2004
A27ELLR1	106.533	~~03/14/1997~~ 07/04/2004

Permit By Rule Supplemental Table (Page 2 continued)
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
November 1, 2024	O2211	RN100225945

Unit ID No.		PBR No.	Version No./Date
OC5SV403		106.532	09/04/2000
OC5SV404		106.532	09/04/2000
B3329 Sandblaster		106.452	09/04/2000
PROA16 ***PROA27*** ***PROA42*** ***PROB33*** ***PROB34*** ***PROB35***	***PROB47*** ***PROB51*** ***PROB8*** ***PROIN33*** ***PROMB824*** ***PROWD***	***106.263***	***11/01/2001***

Permit By Rule Supplemental Table (Page 3 continued)
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
November 1, 2024	O2211	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B34VMTO210	106.261 106.262	104045	Flameless Thermal Oxidizer (FTO) will continue to meet the monitoring and recordkeeping requirements of NSR 46428 SCs 5 through 14 (permit issue date 05/29/2018).
B34VMFU02	106.261 106.262	154590	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28PI as required by NSR 46428 SC 15 and 16 (permit issue date 05/29/2018).
B33INCT100	106.371	09/04/2000	***Maintain records of the content of process side fluid or intervening fluid per 115.766(b)(2)*** ~~Maintain PBR documentation.~~
B8MBFU180	106.261 106.262	109043	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	109043	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	141281	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	149980	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
B33INFU1	106.261 106.262	152213	New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).
A25UAGE00A	106.511	09/04/2000	Maintain records of operation.

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
A25UAGE00B	106.511	09/04/2000	Maintain records of operation.
A25UAGE03G	106.511	09/04/2000	Maintain records of operation.
A25UAGE03H	106.511	09/04/2000	Maintain records of operation.
A25UAGE03I	106.511	09/04/2000	Maintain records of operation.
A25UAGE07C	106.511	09/04/2000	Maintain records of operation.
A25UAGE508	106.511	09/04/2000	Maintain records of operation.
A5UAGE500A	106.511	09/04/2000	Maintain records of operation.
A5UAGE500E	106.511	09/04/2000	Maintain records of operation.
A70UAGE00B	106.511	09/04/2000	Maintain records of operation.
A70UAGE00C	106.511	09/04/2000	Maintain records of operation.
A91UAGE01D	106.511	09/04/2000	Maintain records of operation.
A91UAGE01F	106.511	09/04/2000	Maintain records of operation.
B12UBGE00A	106.511	09/04/2000	Maintain records of operation.
B12UBGE00C	106.511	09/04/2000	Maintain records of operation.
B14UBGE400	106.511	09/04/2000	Maintain records of operation.

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B18UBGE800	106.511	09/04/2000	Maintain records of operation.
B20UBGE000	106.511	09/04/2000	Maintain records of operation.
B33INGEAUX	106.511	09/04/2000	Maintain records of operation.
B36UBGE10C	106.511	09/04/2000	Maintain records of operation.
B36UBGE10E	106.511	09/04/2000	Maintain records of operation.
B3UBGE307A	106.511	09/04/2000	Maintain records of operation.
B3UBGE309	106.511	09/04/2000	Maintain records of operation.
B3UBGE309E	106.511	09/04/2000	Maintain records of operation.
B5UBGE516D	106.511	09/04/2000	Maintain records of operation.
B5UBGE516E	106.511	09/04/2000	Maintain records of operation.
B64UBGE401	106.511	09/04/2000	Maintain records of operation.
B71UBGE00D	106.511	09/04/2000	Maintain records of operation.
B73UBGE00D	106.511	09/04/2000	Maintain records of operation.
B73UBGE00E	106.511	09/04/2000	Maintain records of operation.
B87UBGE700	106.511	09/04/2000	Maintain records of operation.

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B8UBGE830	106.511	09/04/2000	Maintain records of operation.
OC1U1GE60C	106.511	09/04/2000	Maintain records of operation.
OC2U2GE122	106.511	09/04/2000	Maintain records of operation.
OC4U4GE000	106.511	09/04/2000	Maintain records of operation.
OC4U4GE502	106.511	09/04/2000	Maintain records of operation.
OC4U4GE505	106.511	09/04/2000	Maintain records of operation.
OC6U6GE02A	106.511	09/04/2000	Maintain records of operation.
OC6U6GE02B	106.511	09/04/2000	Maintain records of operation.
A25UAST250	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST25A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST25B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST25	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A25UAST500	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A70UAST70A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
A91UAST91A	106.472	09/04/2000	Maintain records of tank service and annual throughput.

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
A91UAST91B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B14UBST14A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B18UBST18B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B36UBST36A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B36UBST36B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B3UBST309A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B5UBST516A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B5UBST516B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B64UBST640	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B71UBST71A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B73UBST73A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B73UBST73B	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B8UBST830A	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC1UOST36	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC2UOST24	106.472	09/04/2000	Maintain records of tank service and annual throughput.

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC4UOST10	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC4UOST17	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC4UOST30	106.472	09/04/2000	Maintain records of tank service and annual throughput.
OC6UOST15	106.472	09/04/2000	Maintain records of tank service and annual throughput.
B33EISC329	106.454	~~07/08/1998~~ 11/01/2001	Maintain records of solvent makeup.
B50SC5008	106.454	~~07/08/1998~~ 11/01/2001	Maintain records of solvent makeup.
A27ARST200	106.533	~~03/14/1997~~ 07/04/2004	***Maintain records to demonstrate separator is used solely to recover VOCs from groundwater remediation projects per 115.137(a)(3).*** ~~Maintain PBR documentation.~~
A27ARST202	106.533	~~03/14/1997~~ 07/04/2004	***Maintain records to demonstrate separator is used solely to recover VOCs from groundwater remediation projects per 115.137(a)(3).*** ~~Maintain PBR documentation.~~
A27ARST204	106.533	~~03/14/1997~~ 07/04/2004	***Maintain records to demonstrate separator is used solely to recover VOCs from groundwater remediation projects per 115.137(a)(3).*** ~~Maintain PBR documentation.~~
A27ELFU1	106.533	~~03/14/1997~~ 07/04/2004	***Maintain documentation to demonstrate equipment is used for the purpose of remediation per 106.533(a)*** ~~Maintain PBR documentation.~~
A27ELLR1	106.533	~~03/14/1997~~ 07/04/2004	***Maintain documentation to demonstrate equipment is used for the purpose of remediation per 106.533(a)*** ~~Maintain PBR documentation.~~

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

Date	Permit Number	Regulated Entity Number
November 1, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Bulb Crusher	106.262	91883	Maintain PBR documentation to demonstrate emissions are in compliance with 106.262(a)(2).
OC5SV403	106.532	09/04/2000	Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).
OC5SV404	106.532	09/04/2000	Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).
~~Bulb Crusher~~	~~106.262~~	~~169309~~	~~Maintain PBR documentation to demonstrate emissions are in compliance with 106.262(a)(2).~~
B3329 Sandblaster	106.452	09/04/2000	Maintain records of blast media usage.
A42ELFU1 A42ELLR1 A42CB1	***106.261 106.533***	***52152***	***Maintain documentation to demonstrate equipment is used for the purpose of remediation per 106.533(a)***
B47ELFU1	***106.261 106.262***	***164321***	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28m as required by NSR 313 SC 14 and 19 (permit issue date 09/18/2023).***
B47ENVST1 B47ENVST2	***106.261 106.262***	***168461***	***Maintain records of tank service and annual throughput.***
B35EWFU1	***106.261 106.262***	***151647***	

From: Carolyn Maus
Sent: Friday, November 1, 2024 1:56 PM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Hi Crystal,

Thanks for the response and for letting me know about the items that are still pending. Could you send the attachment again? I tried to open it and wasn't able to.

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400


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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, November 1, 2024 1:19 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn

Please see our attached response. I'm still working on Items 2.b, 2.e and 12. I will have these responses to you by the end of next 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

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Friday, November 1, 2024 1:19 PM
To: Carolyn Maus
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2024-11-01_WDP_Response_O2211.pdf

Carolyn

Please see our attached response. I'm still working on Items 2.b, 2.e and 12. I will have these responses to you by the end of next 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
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phone: 979.238.1742 | email: cschmidt6@dow.com

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General Business

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Tuesday, October 29, 2024 2:04 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

Yes, that's fine. Thank you for the status update and I will look out for your response at the end of the week.

Sincerely,

From: Carolyn Maus
Sent: Tuesday, October 29, 2024 2:04 PM
To: Schmidt, Crystal (C)
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Hi Crystal,

Yes, that's fine. Thank you for the status update and I will look out for your response at the end of the week.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300


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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Monday, October 28, 2024 3:04 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

I'm about ¾ done with my review and responses to the NOD items. Would it be possible to have an extension until this Friday, November 1st? Thank you for your consideration!

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: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, September 27, 2024 7:25 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: Working Draft Permit -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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.

Hi Crystal,

I have conducted a technical review of the renewal application for The Dow Chemical Company, Dow Texas Operations Freeport, Environmental Operations. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. I have implemented the following changes:

1) Changes from minor revision submitted February 27, 2024 (originally project 36381 that we have combined into this renewal).
2) Changes from renewal application submitted April 29, 2024.
3) Changes from email update submitted September 4, 2024.

Please review the WDP and submit to me any comments you have on the working draft permit by **Monday, October 28, 2024**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. In addition please address the items on the attached Unresolved Items list with that response. (Many of the items are minor corrections that I have already made on my end, but the forms will just confirm, so the list looks more extensive than it really is.)

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

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

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400


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Unresolved Items

1. OP-REQ1: Please submit corrected pages to address the items below.
   a. Questions VI.H.1, VI.I.1 and VI.J.1 were all answered "N/A". However, this answer is only for GOPs. For this site, these questions should be answered "NO". Then, questions VI.H.4, VI.I.4, and VI.J.4 will also need to be answered. I believe those will also be "NO".
   b. Question XI.B.2 lists rules that apply in the application area for which we have not developed a unit attribute form. Please remove Subpart EEE from your answer. We have a UA form for that rule and you have already filled it out for B33INS1. (The rest of your listed rules are correct.)
   c. Please answer questions XI.F.7 and XI.G.6 (these will be NO).
   d. Question XII.A.1 was answered NO. However, the permit area includes permit HW-50161-001 that authorizes several units and based on past records, it was indicated that permit had an air addendum. Please change this question to YES. I have kept the appropriate term in the permit.
   e. Question XII.B.1 was answered NO. However, there are two standard permit registrations under the non-rule pollution control project standard permit (registration numbers 71062 and 145335). Please correct XII.B.1 and XII.B.3 to YES. XII.B.2, XII.B.4-12, and XII.B.15-16 should be NO.
2. OP-REQ1/OP-PBRSUP:
   a. There is one PBR that appears on the OP-PBRSUP but not the section XII.I of the OP-REQ1. This is 106.371/09/04/2000, on Table B for B33INCT100. I believe previous applications made a typo for this unit and listed 106.372 instead of 106.371. Please correct the entry on the OP-REQ1 of 106.372 to 106.371 and submit the corrected page. (Or if 106.372 is *also* used, then just add 106.371 to the OP-REQ1, and place 106.372 on Table C of the OP-PBRSUP.)
   b. There are multiple PBRs/version dates listed on Form OP-REQ1 in section XII.I that do not appear on Form OP-PBRSUP. At least some of them appear to still be in use and others I cannot tell (see breakdown below). The OP-PBRSUP should be a comprehensive list of all PBR authorizations used in the permit area, even if the unit/source does not appear in the permit. We understand that some sources have no other potentially applicable requirements besides the PBR and will only appear on the OP-PBRSUP, so if those sources do not normally have a unit ID, you will need to create one just for use on the OP-PBRSUP.
      i. 106.261/12/24/1998, 106.262/12/24/1998, 106.264/09/04/2000, and 106.476/09/04/2000 all appear to authorize at least one unit in the permit. Please add these to Tables B and D of the OP-PBRSUP.
      ii. For 106.261/09/04/2000, 106.262/09/04/2000, 106.263/11/01/2001, 106.473/09/04/2000, 106.478/09/04/2000, 106.532/03/14/1997, 61/04/05/1995, and 61/10/04/1995, I could not tell if these are still in use. If they are not, please remove from the OP-REQ1 and submit the corrected page. If they are, please provide on the appropriate tables of the OP-PBRSUP.
   c. On OP-PBRSUP, Table A, registration number 169309 (106.262, registration date 10/06/2011) is listed for the second Bulb Crusher line. Based on our NSR database, 169309 appears to belong to a standard permit registration for a Walmart. I think this line was intended to have 91883 like the line above, since 91883 also had an action completed on 10/06/2011. Please determine the correct registration number for this second line. Update Tables A and D.

d. On Table B, there are some units that have multiple version dates for the same PBR listed. If this is correct, that is fine (and that is what I left in the permit). However, I wanted to confirm because we typically see that happening for fugitive units (that may contain components authorized at different times). It's not as common for a single non-fugitive unit to be authorized by/complying with multiple versions. Please check these, and if you need to remove any version dates, please update the appropriate tables of the OP-PBRSUP and section XII.I of the OP-REQ1.

e. There are several units in the permit that are authorized by 106.261/11/01/2003 and 106.262/11/01/2003 that do not appear on the OP-PBRSUP. These are B8MBTO180 and B8MBULRC1. Add to Table A (if registered) or B (if not registered). Add to Table D also.

f. On Table D, multiple rows say "Maintain PBR documentation" in the Monitoring Requirement column. This is not quite specific enough to indicate what is being monitored and/or recorded in order to satisfy periodic monitoring for compliance with the PBR and 106.4 general limits. Please add more detail to these statements.

g. When you correct the OP-PBRSUP, please re-submit all four tables as a set and re-date them, even if a particular table is not changing. There is a permit term that will reference that submittal date so it needs to be the same for all pages.

3. OP-SUMR: Since this is the first time we are adding PBR registration numbers to this permit, please add the units from Table A of the OP-PBRSUP that are in the permit to the OP-SUMR (these are B34VMTO210, B34VMFU02, B8MBFU180, B33INFU1). Ensure that their PBR/version date/registration numbers are included in the Preconstruction Authorization column. The form instructions explain the format to use when listed registered PBRs.

4. UA-01 mentioned added high-level requirements for NESHAP FF for B34VMTO210. First, high-level requirements (where we have generic statements about complying with the rule in lieu of detailed citations) are only allowed as a temporary measure when our rule analysis/form development is still pending, which is not the case for NESHAP FF. Second, I believe the requirements listed against B34VMTO210 are actually for tanks being routed to this device from other permits, based on prior permit files. Therefore, I believe we should address these requirements the same way the Dow agreed to do for other rules in recent revisions. We added customized terms to the Special Terms and Conditions to clarify that B33INS1 and B34VMTO210 control sources from other permits subject to NSPS NNN, MACT FFFF, and MACT PPP, and cited the other permit numbers/permit areas. (This was to avoid duplicate deviations, reduce confusion over what source types were in this permit, etc.) I have added another customized term for B34VMTO210 for this NESHAP FF (term #28) and removed the requirements from the control device ID. Please let me know what permit numbers contain the NESHAP FF tanks routed to B34VMTO210. Or, if you believe this approach should be different for this rule, please explain.

5. A few updates will be needed for the existing customized MACT NNNNN requirements for B34VMTO210.

   a. The rule was amended April 15, 2020 and November 19, 2020. Please review the existing citations in the permit and let me know if citations need to be added or removed based on the current rule language.

   b. The existing permit only had one row (in the Applicable Requirements Summary Table) for the Cl_2 emission limit in 63.9000(a)-Table 1.1.b. We also need a row for the HCl limit in 63.9000(a)-Table 1.1.a. I have replaced 112(B) HAPS in the Pollutant column with Cl_2 for the existing row and remove some extra language from the textual description. I've added a second row for the HCl limit. Please confirm whether you are complying with the 99% reduction option or the 20 ppmv outlet concentration option. Please also let me know the citations you believe will apply for this limit (they may be similar to the other

row). You can add the citations in the WDP document or you can provide them on an OP-REQ3.

6. UA-02 (from 9/4/2024 update):
   a. For units B3UBGE307A and OC1UOGE1, “10-15” was chosen for “Displacement” on Table 2b (NSPS IIII). That means that “E75-130” and “E130-368” are not available options for “Kilowatts” on Table 2c. I used “E75-368” for now. Please check the form instructions and provide corrected data.
   b. For units OC6U6OGE02A and OC6U6OGE02B, “10-CS” was chosen for “Displacement” on Table 2b (NSPS IIII). That means that “E75-368” is not an available option for “Kilowatts” on Table 2c. I used “E130-368” for now. Please check the form instructions and provide corrected data.
7. UA-03:
   a. Table 3 for NSPS Kb has a new question, WW Tank Control, that the application left blank. Please submit a corrected page with the answer filled in for all the units on the form in this application. (I believe the answer will be NONE.)
   b. In the 9/4/2024 update, Table 26b for MACT GGGGG needs three corrections. First, all units will need an answer for Control Device ID No. since all are indicated to be using a control device. Second, Bypass Device was answered No but that is not a choice. I believe it should be NONE. All units on this page will need that answer corrected. Then, for A16ELST27, A16ST100, and B35RSSP965, Control Device should be BPH, not BHP. Please submit a corrected page.
8. UA-12:
   a. For B33INFU1, the SOP Index Nos. for NESHAP V and J got switched in the application. 61J-ALL was listed on Table 3a for NESHAP V and 61V-ALL was listed on Table 6 for NESHAP J. I used the correct number for each rule in the permit, but please correct these two pages of the form and resubmit.
   b. In the 9/4/2024 update, Table 21q for MACT GGGGG has some questions that are not needed for your units (the form instructions explain this but they are a little confusing). Essentially, you’ll only need Negative Pressure and Bypass Device if a control device on Tables 21l or 21m is used, and Flare Compliance is only needed if a flare from Table 21m is used. Since those control devices are not used, please remove the answers from these three questions.
9. UA-14: In the 9/4/2024 update, Table 12a for MACT GGGGG needs one correction. For Control Device, the code should be BPH, not BHP. Please submit a corrected page.
10. UA-15:
    a. For B8MBTO180, Table 6c for MACT G listed NO for Bypass Lines and NO for Flow Indicator. If there is no bypass line, then Flow Indicator can be left blank. Please confirm that NO for Bypass Lines is correct, or update to YES if needed.
    b. In the 9/4/2024 update, Table 16a for MACT GGGGG needs an answer for Design Evaluation. Please submit a corrected page.
11. UA-35:
    a. For B33INS1, Table 2a for Chapter 117, NOx Averaging Method was left blank. The existing answer was 1HR, which I have used. Please provide whichever answer is correct and submit the corrected page.

b. For B34VMTO210, B35EWS200, and B35EWS20, Table 2b for Chapter 117, CO Monitoring System was answered as SAMP. This is not an available code choice. For now, I have kept the existing answer of OTHER. Please provide a valid code choice on a corrected page.

c. For B33INS1, Table 8b for MACT EEE, Baghouse was answered as NO and PM Detection was answered as YES. An answer for PM Detection is only needed if Baghouse is YES. Please confirm the correct answer for Baghouse and remove the data from PM Detection if it is not needed. Provide the corrected page.

12. Periodic Monitoring (OP-MON):

a. Existing units B35EWS201, B35EWS200, and B34VMTO210 will need periodic monitoring for the CO limit in 30 TAC Chapter 117, Subchapter. For now, I used option PM-C-001. Please provide that on the OP-MON to confirm it is acceptable, or you are welcome to propose different monitoring (another option or case-by-case).

b. I updated the existing periodic monitoring for NSPS Kb for B33INST410 through B33INST460 to PM-V-007 based on the OP-MON in this application. The control device information in section V was not filled out. I used the same control device ID and type as the existing monitoring, but please confirm by adding this information to your latest OP-MONs for these six units.

c. For the existing periodic monitoring for Chapter 111, Visible Emissions, since the PM text states that a deviation will be reported if opacity is above 30%, I adjusted the deviation limit from “Opacity limit = 30%” to “Opacity greater than 30%.” Please confirm this is acceptable.

13. OP-REQ2: I made several adjustments/corrections to some of the citations or to the reasons to more closely match the rule text. Below is a list. Please confirm this is acceptable by revising the OP-REQ2 to match my changes or let me know of any problems.

a. For the Chapter 115, Industrial Wastewater shield for A16DUC100, the citation should be 115.142 instead of 115.147. 115.142 has an intro paragraph that says a component containing an affected VOC wastewater stream must be controlled. Since your reason is that the unit does not handle such a stream, 115.142 is what shows why the rule does not apply (also there is no exemption in section 115.147 that addresses that reason).

b. For the MACT DD shield for A16ST100, I agree the unit is not subject to the rule since it does not receive off-site waste. However, 63.680(d) is not the appropriate citation. That citation contains a facility-wide exemption for less than 1 Mg/yr of HAPs in the offsite material received, and based on the OP-REQ1, this exemption does not apply. I have used 63.680(c)(1) with a more detailed reason “Unit does not receive off-site waste so is not an off-site material management unit under this rule.” I made the same update to the existing MACT DD shields and the others being added, so they will all be consistent.

c. For the MACT OO shield for A16ST100, there was a typo in the citation (63.9000 instead of 63.900). I corrected.

d. I noticed that for MACT OO and MACT VV shields, the negative applicability reason is the same from the rule text, although different wording had been used between the two for the shield requests. For consistency, I updated the wording for all these shields (old and new) to “No applicable subparts in Parts 60, 61, or 63 reference this subpart.”

e. Some of the fugitive unit rows on the OP-REQ2 had 115.132 for the citation for Chapter 115, Pet. Refinery & Petrochemicals instead of the correct 115.352. I fixed.

f. For the MACT T shield for B33EISC329, the citation was missing. I kept the existing citation of 63.460(a). I also adjusted the existing words to clarify and to more closely match the rule text.

g. For the NESHAP J and V shields for B33INFU2, I adjusted the wording in the existing reason to more closely match the rule text: “Equipment subject to MACT H and 40 CFR Part 61 is only required to comply with MACT H.”

h. For the MACT I shield for B34VMFU02, I adjusted the wording to “Equipment is not part of a process identified in the regulation.” (Existing reason said “not an applicable process…” but a source can’t be “applicable” to a rule. Sources are subject to rules and rules are applicable to sources.) I did the same for other MACT I shields.

i. For the NESHAP V shield for A42ELFU1, B35EWFU1, and B8MBFU180, I adjusted reason from “Not in VHAP service” to “Does not operate in VHAP service.” That way it matches the other NESHAP V shields.

j. For the NSPS Kb shield requests for OC1UOST1 and OC6UOST004, two reasons were listed – Storage vessel with capacity less than 19,800 gallons and Constructed before 7/23/84. Since the NSPS Ka request said constructed after 7/23/84, that was contradictory. I used the storage capacity reason.

k. For the MACT G shield requests for OC1UOST1 and OC6UOST004, there were two rows on the OP-REQ2, each with a different citation/reason. For now I used the one with 63.100(b) and “Not a part of a chemical manufacturing process unit”. Let me know if I should have used the other instead (63.110(a) and “Does not handle an affected liquid stream subject to 63.149”).

l. For the existing NESHAP C shield for B33INS1, I removed “from sources subject to this subpart” from the end of the reason since it does not make sense in this context. That is because the subpart does not specify sources from which the listed material comes. “Sources subject to the subpart” are the units/facilities that are processing the listed material. Thus, the portion explaining that this incinerator does not process the listed material is a proper and sufficient way to explain the rule does not apply.

m. Over the past several years we have worked to streamline our permit shield sections to focus on rules that are truly potentially applicable. This reduces review time for permit reviewers and applicants and also makes the permit more readable. Therefore, I have identified the following permit shields that I do not believe are necessary. Please review this list and let me know if Dow is willing to remove any of these shields by removing them from the OP-REQ2.

    i. For tanks, since NSPS K, Ka, and Kb applicability is distinguished by construction/reconstruction/modification date, it is only necessary to address the rule that corresponds to the age of the tank. For the tanks where new shields were added (A16ST100, OC1UOST1, OC1UOST36, OC2UOST24, OC4UOST10, OC4UOST17, OC4UOST30, OC6UOST004, OC6UOST15) I only granted the NSPS Kb shields. For the units with existing shields, I would also like to reduce the “K-series” shields to either NSPS K, Ka, or Kb depending on when the tank was con/recon/mod. Please let me know if acceptable and update OP-REQ2.

    ii. Since this site is a chemical plant, I’d like to remove all the shields (from any affected unit types) for NESHAP L (for furnace and foundry coke by-product recovery plant), MACT HH (for oil-and-gas production facility), MACT R (for bulk gasoline terminal), NSPS XX (for bulk gasoline terminal), NSPS QQQ (for petroleum refining), and MACT CC (for petroleum refining). Those rules really aren’t potentially applicable to your permit area. Please let me know if acceptable and update OP-REQ2.

From: Carolyn Maus
Sent: Wednesday, September 4, 2024 5:23 PM
To: Schmidt, Crystal (C)
Subject: RE: Technical Review -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Thanks, Crystal. I will add this into the working draft permit I am preparing.

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300


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

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From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, September 4, 2024 5:19 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

Please see the attached application update for Title V O2211. We are requesting to add 40 CFR Part 63, Subpart GGGGG (Site Remediation MACT) applicability via the updated UA Forms, which
now include the Site Remediation MACT tables. Please let me know if you have any questions. Thanks!

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Wednesday, September 4, 2024 5:19 PM
To: Carolyn Maus
Subject: RE: Technical Review -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport
Attachments: 2024-09-04_O2211_RenewalAppUpdate.pdf

Carolyn,

Please see the attached application update for Title V O2211. We are requesting to add 40 CFR Part 63, Subpart GGGGG (Site Remediation MACT) applicability via the updated UA Forms, which now include the Site Remediation MACT tables. 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: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, May 29, 2024 6:26 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: Technical Review -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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

Good evening,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O2211 for The Dow Chemical Company, Dow Texas Operations Freeport, Environmental Operations area. This application has been assigned Project No. 36602. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the

September 4, 2024

Electronic Submittal via ePermits

Texas Commission on Environmental Quality
Attn: Ms. Carolyn Maus
Air Permits Division, MC-163
P.O. Box 13087
Austin, TX 78711-3087

The Dow Chemical Company, CN600356976
Environmental Operations, RN100225945
Title V Permit O2211 Renewal Application
TCEQ Project Number: 36602

Dear Ms. Maus,

The Dow Chemical Company is submitting an application update for the Environmental Operations Title V Operating Permit O2211 renewal application that was received by TCEQ on April 29, 2024 (Project #36602). 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
Air Permit Manager

Enclosure

cc:

US EPA Region 6	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

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

Date: **September 4, 2024**
Permit No.: **O2211**
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 ID No.		Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
20	MS-C	NO	A16ELST27 A16ST100 A27ARST200 A27ARST202 A27ARST204 A42D101	A42D102 A42ELWT1 B35RSSP965 B47ENVST1 B47ENVST2	OP-UA3	N/A	Please add 40 CFR Part 63, Subpart GGGGG positive applicability to these storage tanks.
21	MS-C	NO	A16EFU02 A27ELFU1 A42ELFU1 B35EWFU1 B47ELFU1		OP-UA12	N/A	Please add 40 CFR Part 63, Subpart GGGGG positive applicability to these fugitive emission sources.
22	MS-C	NO	B35EWPT910 B35EWSP970 B35RSSP955		OP-UA14	N/A	Please add 40 CFR Part 63, Subpart GGGGG positive applicability to these water separators.
23	MS-C	NO	A16DUC100 B35EWSP930		OP-UA15	N/A	Please add 40 CFR Part 63, Subpart GGGGG positive applicability to these process vents.

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

Date: **September 4, 2024**
Permit No.: **O2211**
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		
24	MS-C	NO	A25UACE08 A25UAGE07C B3UBGE307A OC1UOGE1 OC6U6OGE02A OC6U6OGE02B OC6UOGE004	OP-UA2	N/A	Please add 40 CFR Part 60, Subpart IIII positive applicability to these engines.
25	MS-C	NO	N/A	N/A	N/A	Please manually add a Special Term & Condition for RMMUs (< 500 ppm) that are applicable to 40 CFR Part 63, Subpart GGGGG. The applicable citations would be the following: 63.7886(b)(2), 63.7943, 63.7937(c)(2), and 63.7938(c)(2). Dow is requesting this based on an email from Sarah Malloy, which was received on 04/10/2024. The email stated we needed to manually request this ST&C since the 40 CFR Part 63, Subpart GGGGG Form OP-REQ1 questions have not been updated.

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

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	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
	23	A16DUC100	OP-UA15	C-100 AIR STRIPPER FOR GROUNDWATER		18145	
	21	A16ELFU02	OP-UA12	A16 FUGITIVES		18145	
	20	A16ELST27	OP-UA3	T-27 AB SEPARATOR		18145	
	24	A25UACE08	OP-UA2	A2500 DIESEL ENGINE		106.511/09/04/2000	
	24	A25UAGE07C	OP-UA2	A2507C DIESEL ENGINE		106.511/09/04/2000	
	20	A27ARST200	OP-UA3	D-200 PHASE SEPARATION TANK		106.533/07/04/2004	
	20	A27ARST202	OP-UA3	D-202 PHASE SEPARATION TANK		106.533/07/04/2004	
	20	A27ARST204	OP-UA3	D-204 PHASE SEPARATION TANK		106.533/07/04/2004	
	21	A27ELFU1	OP-UA12	A27 FUGITIVES		106.533/07/04/2004	
	20	A42D101	OP-UA3	D-101 PHASE SEPARATION TANK		18145	
	20	A42D102	OP-UA3	D-102 PHASE SEPARATION TANK		18145	

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

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	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
	21	A42ELFU1	OP-UA12	A42 FUGITIVES		18145	
	24	B3UBGE307A	OP-UA2	B307A DIESEL ENGINE		106.511/09/04/2000	
	21	B35EWFU1	OP-UA12	B-3500 PROCESS AREA		20909	
	22	B35EWPT910	OP-UA14	TK-910 STORAGE TANK		106.476/09/04/2000	
	23	B35EWSP930	OP-UA15	T930 RCL STRIPPER		106.476/09/04/2000	
	22	B35EWSP970	OP-UA14	V970 RCL GRAVITY SEPERATOR		106.261/12/24/1998 106.262/12/24/1998	
	22	B35RSSP955	OP-UA14	T955 RCL SEPARATOR		20909	
	20	B35RSSP965	OP-UA3	T965 RCL SEPARATOR		106.476/09/04/2000	
	21	B47ELFU1	OP-UA12	B47 FUGITIVES		20687	
	20	B47ENVST1	OP-UA3	GROUNDWATER PROCESS TANK V-1		20687	
	20	B47ENVST2	OP-UA3	GROUND WATER PROCESS TANK V-2		20687	
	24	OC1UOGE1	OP-UA2	DE-500 DIESEL ENGINE		106.511/09/04/2000	
	24	OC6U6OGE02A	OP-UA2	MP-902A DIESEL ENGINE		106.511/09/04/2000	

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

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	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
	24	OC6U6OGE02B	OP-UA2	MP-902B DIESEL ENGINE		106.511/09/04/2000	
	24	OC6UOGE004	OP-UA2	DE-004C DIESEL ENGINE		106.511/09/04/2000	

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

Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	54TApplicability Date	Exemptions	Service	Commencing	Manufacture Date
A25UACE08	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*
A25UAGE07C	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*
B3UBGE307A	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*
OC1UOGE1	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*
OC6U6OGE02A	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*
OC6U6OGE02B	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*
OC6UOGE004	*60IIII-01*	*2005+*	*NONE*	*EMERG*	*CON*	*0406+*

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

Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
A25UACE08	*60IIII-01*	*DIESEL*		*10-CS*		*2017+*	
A25UAGE07C	*60IIII-01*	*DIESEL*		*10-CS*		*2007*	
B3UBGE307A	*60IIII-01*	*DIESEL*		*10-15*		*2007*	
OC1UOGE1	*60IIII-01*	*DIESEL*		*10-15*		*2017+*	
OC6U6OGE02A	*60IIII-01*	*DIESEL*		*10-CS*		*2007*	
OC6U6OGE02B	*60IIII-01*	*DIESEL*		*10-CS*		*2007*	
OC6UOGE004	*60IIII-01*	*DIESEL*		*10-CS*		*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 IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
A25UACE08	*60IIII-01*	*E19-37*		*NO*	*NO*	*MANU YES*		
A25UAGE07C	*60IIII-01*	*E75-130*		*NO*	*NO*	*MANU YES*		
B3UBGE307A	*60IIII-01*	*E75-130*		*NO*	*NO*	*MANU YES*		
OC1UOGE1	*60IIII-01*	*E130-368*		*NO*	*NO*	*MANU YES*		
OC6U6OGE02A	*60IIII-01*	*E75-368*		*NO*	*NO*	*MANU YES*		
OC6U6OGE02B	*60IIII-01*	*E75-368*		*NO*	*NO*	*MANU YES*		
OC6UOGE004	*60IIII-01*	*E130-368*		*NO*	*NO*	*MANU YES*		

Storage Tank/Vessel Attributes - Form OP-UA3 (Page 68)
Federal Operating Permit Program

Table 26a: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Means of Compliance	AMOC ID No.	Unslotted Guidepole	Slotted Guidepole	Seal Configuration
A16ELST27	*63GGGGG-01*	*CVSCD*				
A16ST100	*63GGGGG-01*	*CVSCD*				
A27ARST200	*63GGGGG-01*	*TL1-FRCD*				
A27ARST202	*63GGGGG-01*	*TL1-FRCD*				
A27ARST204	*63GGGGG-01*	*TL1-FRCD*				
A42D101	*63GGGGG-01*	*CVSCD*				
A42D102	*63GGGGG-01*	*CVSCD*				
A42ELWT1	*63GGGGG-01*	*TL1-FRCD*				
B35RSSP965	*63GGGGG-01*	*CVSCD*				
B47ENVST1	*63GGGGG-01*	*CVSCD*				
B47ENVST2	*63GGGGG-01*	*TL1-FRCD*				

Storage Tank/Vessel Attributes - Form OP-UA3 (Page 69)
Federal Operating Permit Program

Table 26b: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Work Practice Standards	Alternative Work Practice Standards ID No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance
A16ELST27	*63GGGGG-01*	*BHP*		*NO*		*YES*	*NO*	*NO*	*NOEM*
A16ST100	*63GGGGG-01*	*BHP*		*NO*		*YES*	*NO*	*NO*	*NOEM*
A42D101	*63GGGGG-01*	*CASNR*		*NO*		*YES*	*NO*	*NO*	*NOEM*
A42D102	*63GGGGG-01*	*CASNR*		*NO*		*YES*	*NO*	*NO*	*NOEM*
B35RSSP965	*63GGGGG-01*	*BHP*		*NO*		*YES*	*NO*	*NO*	*NOEM*
B47ENVST1	*63GGGGG-01*	*CASNR*		*NO*		*YES*	*NO*	*NO*	*NOEM*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 200)
Federal Operating Permit Program

Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Means of Compliance	AMOC-GGGGG ID No.	AMEL-UU ID No.	Heavy Liquid Service	UU Units Without an AMEL
A16EFU02	***63GGGGG-01***	***63UU***				
A27ELFU1	***63GGGGG-01***	***63UU***				
A42ELFU1	***63GGGGG-01***	***63UU***				
B35EWFU1	***63GGGGG-01***	***63UU***				
B47ELFU1	***63GGGGG-01***	***63UU***				

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 201)
Federal Operating Permit Program

Table 21b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Pumps					
		Light Liquid Service	Dual Mechanical Seal System	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS	AMEL	AMEL ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*YES*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 202)
Federal Operating Permit Program

Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Pumps (Continued)			Compressors		
		Heavy Liquid Service	AMEL	AMEL ID No.	Any	Leakage Capture and Transport	Instrument Reading <500 ppm
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 203)
Federal Operating Permit Program

Table 21d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Compressors (Continued)			Pressure Relief Device		
		Heavy Liquid Service	AMEL	AMEL ID No.	Gas/Vapor Service	Equipped Rupture Disk	Routed to Process or Fuel Gas System or Equipped CVS
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*YES*	*YES*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*YES*	*YES*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*YES*	*YES*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*YES*	*YES*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*YES*	*YES*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 204)
Federal Operating Permit Program

Table 21e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components				
		Pressure Relief Devices (Continued)				
		AMEL	AMEL ID No.	Liquid Service	AMEL	AMEL ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 205)
Federal Operating Permit Program

Table 21f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Sampling Connection Systems				Open-ended Valves or Lines	
		Any	Heavy Liquid Service	AMEL	AMEL ID No.	Any	Heavy Liquid Service
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 206)
Federal Operating Permit Program

Table 21g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Open-ended Valves or Lines (Continued)		Valves			
		AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Heavy Liquid Service
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 207)
Federal Operating Permit Program

Table 21h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Valves (Continued)		Connectors			
		AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Heavy Liquid Service
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*YES*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 208)
Federal Operating Permit Program

Table 21i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

		Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Connectors (Continued)		Agitators			
Unit ID. No.	SOP Index No.	AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service	Dual Mechanical Seal System	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 209)
Federal Operating Permit Program

Table 21j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components				
		Agitators (Continued)				
		AMEL	AMEL ID No.	Heavy Liquid Service	AMEL	AMEL ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 210)
Federal Operating Permit Program

Table 21k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components				
		Instrumentation Systems				Closed Vent Systems
		Any	Heavy Liquid Service	AMEL	AMEL ID No.	Fuel Gas System or Process
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 211)
Federal Operating Permit Program

Table 21l: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Closed Vent Systems and Control Devices (CVSCD)					
		Non-flare 95% Efficiency	Control Device ID No.	Non-flare 20 ppmv	Control Device ID No.	Combustion 95% Efficiency	Control Device ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 212)
Federal Operating Permit Program

Table 21m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Closed Vent Systems and Control Devices (CVSCD) (Continued)					
		Combustion 20 ppmv	Control Device ID No.	Residence Time 0.5s Min. 760°C	Control Device ID No.	Flare	Control Device ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 213)
Federal Operating Permit Program

Table 21n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components					
		Closed Vent Systems and Control Devices (CVSCD) (Continued)					
		63GGGGG-Regen. CAS	Control Device ID No.	63GGGGG-Non-Regen. CAS	Control Device ID No.	63GGGGG-Condenser	Control Device ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 214)
Federal Operating Permit Program

Table 21o: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components			
		Closed Vent Systems and Control Devices (CVSCD) (Continued)			
		63GGGGG-Thermal Incinerator	Control Device ID No.	63GGGGG-Catalytic Incinerator	Control Device ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 215)
Federal Operating Permit Program

Table 21p: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Equipment Leak Components			
		Closed Vent Systems and Control Devices (CVSCD) (Continued)			
		63GGGGG-Boiler or Process Heater	Control Device ID No.	63GGGGG-Flare	Control Device ID No.
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*

Fugitive Emission Unit Attributes - Form OP-UA12 (Page 216)
Federal Operating Permit Program

Table 21q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID. No.	SOP Index No.	Enc.-Vent. Process Unit AMEL-UU	Enc.-Vent. Process Unit AMEL-UU ID No.	Negative Pressure	Bypass Device	Flare Compliance
A16EFU02	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A27ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
A42ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B35EWFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*
B47ELFU1	*63GGGGG-01*	*NO*	*NO*	*NO*	*NO*	*NO*

Water Separator Attributes - Form OP-UA14 (Page 30)
Federal Operating Permit Program

Table 12a: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Means of Compliance	AMOC ID No.	Control Device	Control Device ID No.	Alternative Control Device Standards	Alternative Control Device Standard ID No.
B35EWPT910	*63GGGGG-01*	*CVSCD*		*BHP*	*B35EWS200*	*NO*	
B35RSSP955	*63GGGGG-01*	*CVSCD*		*BHP*	*B35EWS200*	*NO*	
B35EWSP970	*63GGGGG-01*	*CVSCD*		*BHP*	*B35EWS200*	*NO*	

Water Separator Attributes - Form OP-UA14 (Page 31)
Federal Operating Permit Program

Table 12b: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance
B35EWPT910	*63GGGGG-01*	*YES*	*NONE*	*NO*	*NOEM*
B35RSSP955	*63GGGGG-01*	*YES*	*NONE*	*NO*	*NOEM*
B35EWSP970	*63GGGGG-01*	*YES*	*NONE*	*NO*	*NOEM*

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes - Form OP-UA15 (Page 41)
Federal Operating Permit Program

Table 16a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Emission Point ID No.	SOP Index No.	Emissions	Uncontrolled Vent Streams	Control Device	Control Device ID No.	Alternative Work Practice Standards	Alternative Work Practice Standards ID No.	Design Evaluation
A16DUC100	*63GGGGG-01*	*HAP95*	*NO*	*BPH*	*A16CETX01 (O1388) A16CETX002 (O1388)*			
B35EWSP930	*63GGGGG-01*	*HAP95*	*NO*	*BPH*	*B35EWS200*			

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes - Form OP-UA15 (Page 42)
Federal Operating Permit Program

Table 16b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
September 4, 2024	O2211	RN100225945

Emission Point ID No..	SOP Index No.	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance
A16DUC100	*63GGGGG-01*	*NONE*	*NO*	*NOEM*
B35EWSP930	*63GGGGG-01*	*NONE*	*NO*	*NOEM*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
23	*A16DUC100*	*OP-UA15*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Process Vents*	*63.7890(b)(3), 63.7885(b), 63.7885(b)(1), 63.7890(a)-(c), 63.7891(b), 63.7891(b)(3), (c), 63.7893(b), (b)(3), (c), 63.7925(a), (b)(2), 63.7925(c)-(d), (d)(1)-(2), 63.7926(a)-(b), (c)(1), 63.7927(a), (a)(1), 63.7928(a)-(c), (c)(1)-(2), 63.7935(b), 63.7937(a)-(b), (b)(1), 63.7938(a)-(b), (b)(1), 63.7925(g), (g)(6), 63.693(c)(1)(i), (g)(1)(iii), 63.695(c)(1)(iii), [G]63.695(c)(3)*
21	*A16EFU02*	*OP-UA12*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Equipment Leaks*	*63.7920(e), 63.1022(a)-(b), (b)(1), (b)(3), 63.1022(c)(1)-(2), (c)(2)(i)(A)-(B), (c)(4)(i)-(ii), 63.1022(d)(1), 63.1023(a), (e)(1), 63.1024(a), 63.1024(c)(1)-(2), (d)(1)-(2), [G](d)(3), 63.1024(d)(5), (e), [G]63.1025, [G]63.1027, 63.7920(a), (b)(2), (d)-(e), 63.7921(c), (c)(2)(i) 63.7922(a), 63.7923(a)(1)-(2), (b), [G](c)-(d), (e) 63.7923(e)(1)-(5), [G](f), 63.7935(b), 63.7937(a), (d), 63.7938(a), (d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
20	*A16ELST27*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(d)(3), 63.7895(a), (b)(1)-(2), 63.7895(b)(2)-Table 2.4, Table 2.5, (b)(3)-(4), 63.7895(d), 63.7896(b)(1), 63.7898(b), (f), 63.7898(f)(1), (f)(3), (f)(5), 63.7925(a), (b)(2), 63.7925(c), (f), (f)(1)-(3), (g), (g)(6), 63.7926(a)-(b), (h)(1), 63.7927(a), (a)(1), 63.7928(a)-(b), (d)(1), (j), (j)(1), (j)(1)(i), 63.7928(j)(1)(iii), (j)(2)-(3), 63.7935(b), 63.685(g), [G](g)(1)-(2), 63.693(c)(1)(i), 63.693(g)(1)(iii), [G]63.695(b)(4), (c)(1)(iii), [G]63.695(c)(3)*
20	*A16ST100*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(d)(3), 63.7895(a), (b)(1)-(2), 63.7895(b)(2)-Table 2.4, Table 2.5, (b)(3)-(4), 63.7895(d), 63.7896(b)(1), 63.7898(b), (f), 63.7898(f)(1), (f)(3), (f)(5), 63.7925(a), (b)(2), 63.7925(c), (f), (f)(1)-(3), (g), (g)(6), 63.7926(a)-(b), (h)(1), 63.7927(a), (a)(1), 63.7928(a)-(b), (d)(1), (j), (j)(1), (j)(1)(i), 63.7928(j)(1)(iii), (j)(2)-(3), 63.7935(b), 63.685(g), [G](g)(1)-(2), 63.693(c)(1)(i), 63.693(g)(1)(iii), [G]63.695(b)(4), (c)(1)(iii), [G]63.695(c)(3)*
24	*A25UACE08*	*OP-UA2*	*60IIII-01*	*NMHC + NO_X*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(1)(ii), (a)(1)(ii)-Table 2, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
24	*A25UACE08*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(1)(ii), (a)(1)(ii)-Table 2, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*A25UACE08*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(1)(ii), (a)(1)(ii)-Table 2, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*A25UAGE07C*	*OP-UA2*	*60IIII-01*	*NMHC + NO_X*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*A25UAGE07C*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*A25UAGE07C*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
20	*A27ARST200*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(c), 63.7895(a), (b)(1)-(2), 63.7985(b)(2)-Table 2.1-2.3, 63.7896(b)(1)-(2) 63.7898(b), (c), (c)(1), (c)(3), 63.7935(b), 63.902(b), (b)(1)-(2), (b)(3)(ii), (b)(4), [G](c), [G]63.906(b)*
20	*A27ARST202*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(c), 63.7895(a), (b)(1)-(2), 63.7985(b)(2)-Table 2.1-2.3, 63.7896(b)(1)-(2) 63.7898(b), (c), (c)(1), (c)(3), 63.7935(b), 63.902(b), (b)(1)-(2), (b)(3)(ii), (b)(4), [G](c), [G]63.906(b)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
20	*A27ARST204*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(c), 63.7895(a), (b)(1)-(2), 63.7985(b)(2)-Table 2.1-2.3, 63.7896(b)(1)-(2) 63.7898(b), (c), (c)(1), (c)(3), 63.7935(b), 63.902(b), (b)(1)-(2), (b)(3)(ii), (b)(4), [G](c), [G]63.906(b)*
21	*A27ELFU1*	*OP-UA12*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Equipment Leaks*	*63.7920(e), 63.7920(a), (b)(2), (d)-(e), 63.7921(c), (c)(2)(i), 63.7922(a), 63.7923(a)(1)-(2), (b), [G](c)-(d), (e), (e)(1)-(5), [G]63.7923(f), 63.7935(b), 63.7937(a), (d), 63.7938(a), (d), 63.1022(a)-(b), (b)(1), (b)(3), 63.1022(c)(1)-(2), (c)(2)(i)(A)-(B), (c)(4)(i)-(ii), 63.1022(d)(1), 63.1023(a), (e)(1) 63.1024(a), (c)(1)-(2), (d)(1)-(2), [G](d)(3), 63.1024(d)(5), (e), [G]63.1025, [G]63.1027*
20	*A42D101*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(d)(3), 63.7895(a), (b)(1)-(2), 63.7895(b)(2)-Table 2.4-2.5, (b)(3)-(4), (d) 63.7896(b)(1), 63.7898(b), (f), (f)(1), (f)(3), 63.7898(f)(5), 63.7925(a), (b)(2), (c), (g), (g)(2), 63.7925(h), (h)(2), (h)(2)(i)-(ii), (h)(3), 63.7925(h)(3)(i)-(ii), 63.7926(a)-(b), 63.7927(a), 63.7927(a)(1), 63.7928(a)-(b), (d)(1), [G](f)-(g), 63.7935(b), 63.685(g), [G](g)(1)-(2), 63.693(c)(1)(i), [G]63.693(d)(4)(ii)-(iii) [G]63.695(b)(4), (c)(1)(iii), [G](c)(3)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
20	*A42D102*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(d)(3), 63.7895(a), (b)(1)-(2), 63.7895(b)(2)-Table 2.4-2.5, (b)(3)-(4), (d) 63.7896(b)(1), 63.7898(b), (f), (f)(1), (f)(3), 63.7898(f)(5), 63.7925(a), (b)(2), (c), (g), (g)(2), 63.7925(h), (h)(2), (h)(2)(i)-(ii), (h)(3), 63.7925(h)(3)(i)-(ii), 63.7926(a)-(b), 63.7927(a), 63.7927(a)(1), 63.7928(a)-(b), (d)(1), [G](f)-(g), 63.7935(b), 63.685(g), [G](g)(1)-(2), 63.693(c)(1)(i), [G]63.693(d)(4)(ii)-(iii) [G]63.695(b)(4), (c)(1)(iii), [G](c)(3)*
21	*A42ELFU1*	*OP-UA12*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Equipment Leaks*	*63.7920(e), 63.7920(a), (b)(2), (d), (e), 63.7921(c), (c)(2)(i), 63.7922(a), 63.7923(a)(1)-(2), (b), [G](c)-(d), (e), (e)(1)-(5), [G]63.7923(f), 63.7935(b), 63.7937(a), (d), 63.7938(a), (d), 63.1022(a), (b), (b)(1), (b)(3), 63.1022(c)(1)-(2), (c)(2)(i)(A)-(B), (c)(4)(i)-(ii), 63.1022(d)(1), 63.1023(a), (e)(1), 63.1024(a), 63.1024(c)(1)-(2), (d)(1)-(2), [G](d)(3), (d)(5), 63.1024(e), [G]63.1025, [G]63.1027*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
20	*A42ELWT1*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(c), 63.7895(a), (b)(1)-(2), 63.7985(b)(2)-Table 2.1-2.3, 63.7896(b)(1)-(2) 63.7898(b), (c), (c)(1), (c)(3), 63.7935(b), 63.902(b), (b)(1)-(2), (b)(3)(ii), (b)(4), [G](c), [G]63.906(b)*
24	*B3UBGE307A*	*OP-UA2*	*60IIII-01*	*$NMHC + NO_X$*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*B3UBGE307A*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*B3UBGE307A*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
21	*B35EWFU1*	*OP-UA12*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Equipment Leaks*	*63.7920(e), 63.7920(a), (b)(2), (d), 63.7921(c), 63.7921(c)(2)(i), 63.7922(a), 63.7923(a)(1)-(2), 63.7923(b), [G](c)-(d), (e), (e)(1)-(5), [G](f), 63.7935(b), 63.7937(a), (d), 63.7938(a), (d), 63.1022(a)-(b), (b)(1), (b)(3), (c)(1)-(2), 63.1022(c)(2)(i)(A)-(B), (c)(4)(i)-(ii), (d)(1), 63.1023(a), (e)(1), 63.1024(a), (c)(1)-(2), 63.1024(d)(1)-(2), [G](d)(3), (d)(5), (e), [G]63.1025, [G]63.1027*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
22	*B35EWPT910*	*OP-UA14*	*63GGGGG-01*	*HAP*	*CFR Part 63, Subpart GGGGG-Water Separators*	*63.7910(b)(2), 63.7910(a)-(b), 63.7911(a), 63.7911(b)(5), (c)(2), 63.7912(b), 63.7913(a), 63.7913(c), (c)(1), (c)(3), (c)(5), 63.7925(a), 63.7925(b)(2), (c), (f), (f)(1)-(3), (g), (g)(6), 63.7926(a)-(b), (h)(1), 63.7927(a), (a)(1), 63.7928(a)-(b), (d)(1), (j), (j)(1), (j)(1)(i), 63.7928(j)(1)(iii), (j)(2)-(3), 63.7935(b), [G]63.1042(b)-(c), [G]63.1044(b)-(c), [G]63.1047(a), (c)-(d), 63.693(c)(1)(i), 63.693(g)(1)(iii), 63.695(c)(1)(iii), [G](c)(3)*
23	*B35EWSP930*	*OP-UA15*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Process Vents*	*63.7890(b)(3), 63.7885(b), (b)(1), 63.7890(a)-(c), 63.7891(b), (b)(3), (c), 63.7893(b), (b)(3), (c), 63.7925(a), (b)(2), 63.7925(c)-(d), (d)(1)-(2), (g), (g)(6), 63.7926(a)-(b), (c)(1), 63.7927(a), (a)(1), 63.7928(a)-(c), (c)(1)-(2), 63.7935(b), 63.7937(a)-(b), (b)(1), 63.7938(a)-(b), (b)(1), 63.693(c)(1)(i), (g)(1)(iii), 63.695(c)(1)(iii), [G]63.695(c)(3)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
22	*B35EWSP970*	*OP-UA14*	*63GGGGG-01*	*HAP*	*CFR Part 63, Subpart GGGGG-Water Separators*	*63.7910(b)(2), 63.7910(a)-(b), 63.7911(a), 63.7911(b)(5), (c)(2), 63.7912(b), 63.7913(a), 63.7913(c), (c)(1), (c)(3), (c)(5), 63.7925(a), 63.7925(b)(2), (c), (f), (f)(1)-(3), (g), (g)(6), 63.7926(a)-(b), (h)(1), 63.7927(a), (a)(1), 63.7928(a)-(b), (d)(1), (j), (j)(1), (j)(1)(i), 63.7928(j)(1)(iii), (j)(2)-(3), 63.7935(b), [G]63.1042(b)-(c), [G]63.1044(b)-(c), [G]63.1047(a), (c)-(d), 63.693(c)(1)(i), 63.693(g)(1)(iii), 63.695(c)(1)(iii), [G](c)(3)*
22	*B35RSSP955*	*OP-UA14*	*63GGGGG-01*	*HAP*	*CFR Part 63, Subpart GGGGG-Water Separators*	*63.7910(b)(2), 63.7910(a)-(b), 63.7911(a), 63.7911(b)(5), (c)(2), 63.7912(b), 63.7913(a), 63.7913(c), (c)(1), (c)(3), (c)(5), 63.7925(a), 63.7925(b)(2), (c), (f), (f)(1)-(3), (g), (g)(6), 63.7926(a)-(b), (h)(1), 63.7927(a), (a)(1), 63.7928(a)-(b), (d)(1), (j), (j)(1), (j)(1)(i), 63.7928(j)(1)(iii), (j)(2)-(3), 63.7935(b), [G]63.1042(b)-(c), [G]63.1044(b)-(c), [G]63.1047(a), (c)-(d), 63.693(c)(1)(i), 63.693(g)(1)(iii), 63.695(c)(1)(iii), [G](c)(3)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
20	*B35RSSP965*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(d)(3), 63.7895(a), (b)(1)-(2), 63.7895(b)(2)-Table 2.4, Table 2.5, (b)(3)-(4), 63.7895(d), 63.7896(b)(1), 63.7898(b), (f), 63.7898(f)(1), (f)(3), (f)(5), 63.7925(a), (b)(2), 63.7925(c), (f), (f)(1)-(3), (g), (g)(6), 63.7926(a)-(b), (h)(1), 63.7927(a), (a)(1), 63.7928(a)-(b), (d)(1), (j), (j)(1), (j)(1)(i), 63.7928(j)(1)(iii), (j)(2)-(3), 63.7935(b), 63.685(g), [G](g)(1)-(2), 63.693(c)(1)(i), 63.693(g)(1)(iii), [G]63.695(b)(4), (c)(1)(iii), [G]63.695(c)(3)*
21	*B47ELFU1*	*OP-UA12*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Equipment Leaks*	*63.7920(e), 63.7920(a), (b)(2), (d), 63.7921(c), 63.7921(c)(2)(i), 63.7922(a), 63.7923(a)(1)-(2), 63.7923(b), [G](c)-(d), (e), (e)(1)-(5), [G](f), 63.7935(b), 63.7937(a), (d), 63.7938(a), (d), 63.1022(a), (b), (b)(1), (b)(3), (c)(1)-(2), 63.1022(c)(2)(i)(A)-(B), (c)(4)(i)-(ii), (d)(1), 63.1023(a), (e)(1), 63.1024(a), (c)(1)-(2), 63.1024(d)(1)-(2), [G](d)(3), (d)(5), (e), [G]63.1025, [G]63.1027*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
21	*B47ENVST1*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(d)(3), 63.7895(a), (b)(1)-(2), 63.7895(b)(2)-Table 2.4-2.5, (b)(3)-(4), (d) 63.7896(b)(1), 63.7898(b), (f), (f)(1), (f)(3), 63.7898(f)(5), 63.7925(a), (b)(2), (c), (g), (g)(2), 63.7925(h), (h)(2), (h)(2)(i)-(ii), (h)(3), 63.7925(h)(3)(i)-(ii), 63.7926(a)-(b), 63.7927(a), 63.7927(a)(1), 63.7928(a)-(b), (d)(1), [G](f)-(g), 63.7935(b), 63.685(g), [G](g)(1)-(2), 63.693(c)(1)(i), [G]63.693(d)(4)(ii)-(iii) [G]63.695(b)(4), (c)(1)(iii), [G](c)(3)*
21	*B47ENVST2*	*OP-UA3*	*63GGGGG-01*	*HAP*	*40 CFR Part 63, Subpart GGGGG-Storage Tanks*	*63.7895(c), 63.7895(a), (b)(1)-(2), 63.7985(b)(2)-Table 2.1-2.3, 63.7896(b)(1)-(2) 63.7898(b), (c), (c)(1), (c)(3), 63.7935(b), 63.902(b), (b)(1)-(2), (b)(3)(ii), (b)(4), [G](c), [G]63.906(b)*
24	*OC1UOGE1*	*OP-UA2*	*60IIII-01*	*NMHC + NO_X*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC1UOGE1*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC1UOGE1*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6U6OGE02A*	*OP-UA2*	*60IIII-01*	*THC + NO_X*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(e)(1), 1042-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6U6OGE02A*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(e)(1), 1042-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
24	*OC6U6OGE02A*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(e)(1), 1042-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6U6OGE02B*	*OP-UA2*	*60IIII-01*	*THC + NO_X*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(e)(1), 1042-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6U6OGE02B*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(e)(1), 1042-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6U6OGE02B*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(e)(1), 1042-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6UOGE004*	*OP-UA2*	*60IIII-01*	*NMHC + NO_X*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6UOGE004*	*OP-UA2*	*60IIII-01*	*CO*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*
24	*OC6UOGE004*	*OP-UA2*	*60IIII-01*	*PM*	*40 CFR Part 60, Subpart IIII*	*60.4205(b), 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), (c), [G](f)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
23	*A16DUC100*	*63GGGGG-01*	*HAP*	*63.7892, 63.7927(a)(1)(i), (g), 63.7928(b)(1), (b)(3), (d)(2)-(3), [G]§63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), [G]63.7945(a), (c) 63.693(g)(2)(i)(B), [G]63.694(k), 63.695(c)(1), (c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7893(d), 63.7926(b)(1)-(2), 63.7926(d)(2), 63.7927(g), [G]63.7928(b)(4), (d)(4), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), (a)(1)-(3), 63.7952(a)(9), [G](b), (c)-(d), 63.7953(a)-(d), 63.695(c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(g)*	*63.7883(e), 63.7891(d), 63.7926(b)-(d), 63.7935(e)-(f), 63.7941(a), (m), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d), 63.7945(d)*
21	*A16EFU02*	*63GGGGG-01*	*HAP*	*63.7922(c), 63.7940(c), 63.7941(a), (d), 63.7944(a)-(b), 63.7944(b)(1), [G](b)(2), (c)-(d), 63.7946(a)-(b), 63.1023(a), 63.1023(a)(1)(i), (a)(1)(iii), 63.1023(a)(1)(v), (b), (b)(1), 63.1023(b)(2)(i)-(ii), (b)(3)-(4), [G]63.1023(b)(4)(i)-(ii), (b)(5)-(6) [G]63.1023(c), (d), 63.1038(b)(6)*	*63.7921(c)(2)(ii), 63.7922(c)-(d), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), [G](a)(4)-(5), 63.7952(a)(6), (a)(9), (c), 63.7953(a)-(d), 63.1022(c)(3), 63.1022(c)(4)(i)-(ii), (d)(2), 63.1023(e)(2), 63.1024(d), [G](f), 63.1038(a), (b)(1)-(3), (b)(6)-(7), [G]63.1038(c)(1), (c)(3), (c)(5)*	*63.7883(e), 63.7921(c)(1)-(2), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), 63.7951(b)(9), [G](b)(10), (d), 63.7951(f), [G](g)-(h), 63.7953(d), 63.1039(a), [G]63.1039(a)(1), (b), 63.1039(b)(1), (b)(1)(i), 63.1039(b)(1)(iii), (b)(2), 63.1039(b)(3)-(5), (b)(8)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*A16ELST27*	*63GGGGG-01*	*HAP*	*63.7896(f)(2), 63.7897(b), [G]63.7897(b)(3), 63.7898(f)(2), 63.7927(a)(1)(i), (g), (i), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), (j)(1)(ii), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), 63.693(g)(2)(i)(B), [G]63.694(k), [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7896(f)(1), 63.7898(b)(1), (b)(3), 63.7898(f)(4), (f)(6), 63.7926(b)(1)-(2), 63.7926(d)(2), (h)(2)-(3), 63.7927(g), 63.7927(i), [G]63.7928(b)(4), (d)(4), 63.7928(j)(1)(iv), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), 63.7952(a)(1)-(3), (a)(8)-(9), [G](b), 63.7952(c), 63.7953(a)-(d), 63.1065(a), [G]63.695(b)(3)-(4), (c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(e)*	*63.7883(e), 63.7896(b), (f), 63.7896(f)(3)-(4), 63.7926(b), 63.7926(d), (h), 63.7935(e)-(f) 63.7941(a), (m), 63.7945(d), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d), 63.7945(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*A16ST100*	*63GGGGG-01*	*HAP*	*63.7896(f)(2), 63.7897(b), [G]63.7897(b)(3), 63.7898(f)(2), 63.7927(a)(1)(i), (g), (i), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), (j)(1)(ii), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), 63.693(g)(2)(i)(B), [G]63.694(k), [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7896(f)(1), 63.7898(b)(1), (b)(3), 63.7898(f)(4), (f)(6), 63.7926(b)(1)-(2), 63.7926(d)(2), (h)(2)-(3), 63.7927(g), 63.7927(i), [G]63.7928(b)(4), (d)(4), 63.7928(j)(1)(iv), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), 63.7952(a)(1)-(3), (a)(8)-(9), [G](b), 63.7952(c), 63.7953(a)-(d), 63.1065(a), [G]63.695(b)(3)-(4), (c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(e)*	*63.7883(e), 63.7896(b), (f), 63.7896(f)(3)-(4), 63.7926(b), 63.7926(d), (h), 63.7935(e)-(f) 63.7941(a), (m), 63.7945(d), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d), 63.7945(d)*
24	*A25UACE08*	*60IIII-01*	*NMHC + NO_X*	*60.4209(a)*	*60.4214(b)*	*NONE*
24	*A25UACE08*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*A25UACE08*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*A25UAGE07C*	*60IIII-01*	*NMHC + NO_X*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*A25UAGE07C*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*A25UAGE07C*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*A27ARST200*	*63GGGGG-01*	*HAP*	*63.7897(a), 63.7898(c)(2), 63.7940(c), 63.7941(a), (d), (g), 63.7944(a)-(b), (b)(1), [G](b)(2), 63.7944(c)-(d), 63.7946(a)-(b), 63.906(a)(1)-(2)*	*63.7896(b)(2), (c), (c)(1)-(3), 63.7898(b)(1), (b)(3), (c)(4)-(5), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), (a)(8)-(9), (c), 63.7953(a)-(d), 63.1065(a), [G]63.907(a), (b)*	*63.7883(e), 63.7896(b)-(c), 63.7896(c)(1)-(3), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), (d), 63.7951(f), [G](g)-(h), 63.7953(d)*
20	*A27ARST202*	*63GGGGG-01*	*HAP*	*63.7897(a), 63.7898(c)(2), 63.7940(c), 63.7941(a), (d), (g), 63.7944(a)-(b), (b)(1), [G](b)(2), 63.7944(c)-(d), 63.7946(a)-(b), 63.906(a)(1)-(2)*	*63.7896(b)(2), (c), (c)(1)-(3), 63.7898(b)(1), (b)(3), (c)(4)-(5), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), (a)(8)-(9), (c), 63.7953(a)-(d), 63.1065(a), [G]63.907(a), (b)*	*63.7883(e), 63.7896(b)-(c), 63.7896(c)(1)-(3), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), (d), 63.7951(f), [G](g)-(h), 63.7953(d)*
20	*A27ARST204*	*63GGGGG-01*	*HAP*	*63.7897(a), 63.7898(c)(2), 63.7940(c), 63.7941(a), (d), (g), 63.7944(a)-(b), (b)(1), [G](b)(2), 63.7944(c)-(d), 63.7946(a)-(b), 63.906(a)(1)-(2)*	*63.7896(b)(2), (c), (c)(1)-(3), 63.7898(b)(1), (b)(3), (c)(4)-(5), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), (a)(8)-(9), (c), 63.7953(a)-(d), 63.1065(a), [G]63.907(a), (b)*	*63.7883(e), 63.7896(b)-(c), 63.7896(c)(1)-(3), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), (d), 63.7951(f), [G](g)-(h), 63.7953(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
21	*A27ELFU1*	*63GGGGG-01*	*HAP*	*63.7922(c), 63.7940(c), 63.7941(a), (d), 63.7944(a)-(b), 63.7944(b)(1), [G](b)(2), (c)-(d), 63.7946(a)-(b), 63.1023(a), 63.1023(a)(1)(i), (a)(1)(iii), 63.1023(a)(1)(v), (b), (b)(1), 63.1023(b)(2)(i)-(ii), (b)(3) 63.1023(b)(4), [G](b)(4)(i)-(ii), 63.1023(b)(5)-(6), [G](c), (d), 63.1038(b)(6)*	*63.7921(c)(2)(ii), 63.7922(c)-(d), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), [G](a)(4)-(5), 63.7952(a)(6), (a)(9), (c), 63.7953(a)-(d), 63.1022(c)(3), 63.1022(c)(4)(i)-(ii), (d)(2), 63.1023(e)(2), 63.1024(d), [G](f), 63.1038(a), (b)(1), (b)(2)-(3), (b)(6)-(7) [G]63.1038(c)(1), (c)(3), (c)(5)*	*63.7883(e), 63.7921(c)(1)-(2), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), 63.7951(b)(9), [G](b)(10), 63.7951(d), (f), [G](g)-(h), 63.7953(d), 63.1039(a), [G]63.1039(a)(1), (b), 63.1039(b)(1), (b)(1)(i), 63.1039(b)(1)(iii), (b)(2)-(5), 63.1039(b)(8)*
20	*A42D101*	*63GGGGG-01*	*HAP*	*63.7896(f)(2), 63.7897(b), [G]63.7897(b)(3), 63.7898(f)(2), 63.7927(a)(1)(i), (c), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(d), (f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), 63.693(d)(2)(ii)(B), [G]63.694(k), [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7896(f)(1), 63.7898(b)(1), (b)(3), 63.7898(f)(4), (f)(6), 63.7926(b)(1)-(2), 63.7926(d)(2), 63.7927(c), [G]63.7928(b)(4), (d)(4), [G](f)-(g), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), (a)(1)-(3), 63.7952(a)(8)-(9), [G](b), (c), 63.7953(a)-(d), 63.1065(a) [G]63.695(b)(3)-(4), (c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(e)*	*63.7883(e), 63.7896(b), (f), 63.7896(f)(3)-(4), 63.7926(b), 63.7926(d)-(e), 63.7935(e)-(f), 63.7941(a), (m), 63.7945(d), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*A42D102*	*63GGGGG-01*	*HAP*	*63.7896(f)(2), 63.7897(b), [G]63.7897(b)(3), 63.7898(f)(2), 63.7927(a)(1)(i), (c), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(d), (f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), 63.693(d)(2)(ii)(B), [G]63.694(k), [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7896(f)(1), 63.7898(b)(1), (b)(3), 63.7898(f)(4), (f)(6), 63.7926(b)(1)-(2), 63.7926(d)(2), 63.7927(c), [G]63.7928(b)(4), (d)(4), [G](f)-(g), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), (a)(1)-(3), 63.7952(a)(8)-(9), [G](b), (c), 63.7953(a)-(d), 63.1065(a) [G]63.695(b)(3)-(4), (c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(e)*	*63.7883(e), 63.7896(b), (f), 63.7896(f)(3)-(4), 63.7926(b), 63.7926(d)-(e), 63.7935(e)-(f), 63.7941(a), (m), 63.7945(d), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d)*
21	*A42ELFU1*	*63GGGGG-01*	*HAP*	*63.7922(c), 63.7940(c), 63.7941(a), (d), 63.7944(a)-(b), 63.7944(b)(1), [G](b)(2), (c)-(d), 63.7946(a)-(b), 63.1023(a), 63.1023(a)(1)(i), (a)(1)(iii), 63.1023(a)(1)(v), (b), (b)(1), 63.1023(b)(2)(i)-(ii), (b)(3)-(6), [G]63.1023(b)(4)(i)-(ii), [G](c), 63.1023(d), 63.1038(b)(6)*	*63.7921(c)(2)(ii), 63.7922(c)-(d), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), [G](a)(4)-(5), 63.7952(a)(6), (a)(9), (c), 63.7953(a)-(d), 63.1022(c)(3), 63.1022(c)(4)(i)-(ii), (d)(2), 63.1023(e)(2), 63.1024(d), [G](f) 63.1038(a), (b)(1)-(3), (b)(6)-(7), [G]63.1038(c)(1), 63.1038(c)(3), (c)(5)*	*63.7883(e), 63.7921(c)(1)-(2), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), 63.7951(b)(9), [G](b)(10), 63.7951(d), (f), [G](g)-(h), 63.7953(d), 63.1039(a), [G]63.1039(a)(1), (b), 63.1039(b)(1), (b)(1)(i), 63.1039(b)(1)(iii), (b)(2)-(5), 63.1039(b)(8)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*A42ELWT1*	*63GGGGG-01*	*HAP*	*63.7897(a), 63.7898(c)(2), 63.7940(c), 63.7941(a), (d), (g), 63.7944(a)-(b), (b)(1), [G](b)(2), 63.7944(c)-(d), 63.7946(a)-(b), 63.906(a)(1)-(2)*	*63.7896(b)(2), (c), (c)(1)-(3), 63.7898(b)(1), (b)(3), (c)(4)-(5), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), (a)(8)-(9), (c), 63.7953(a)-(d), 63.1065(a), [G]63.907(a), (b)*	*63.7883(e), 63.7896(b)-(c), 63.7896(c)(1)-(3), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), (d), 63.7951(f), [G](g)-(h), 63.7953(d)*
24	*B3UBGE307A*	*60IIII-01*	*NMHC + NO_X*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*B3UBGE307A*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*B3UBGE307A*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
21	*B35EWFU1*	*63GGGGG-01*	*HAP*	*63.7922(c), 63.7940(c), 63.7941(a), (d), 63.7944(a)-(b), 63.7944(b)(1), [G](b)(2), (c)-(d), 63.7946(a)-(b), 63.1023(a), 63.1023(a)(1)(i), (a)(1)(iii), 63.1023(a)(1)(v), (b), (b)(1), 63.1023(b)(2)(i)-(ii), (b)(3)-(6), [G]63.1023(b)(4)(i)-(ii), [G](c), (d) 63.1038(b)(6)*	*63.7921(c)(2)(ii), 63.7922(c)-(d), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), [G]63.7952(a)(4)-(5), (a)(6), (a)(9), (c), 63.7953(a)-(d), 63.1022(c)(3), 63.1022(c)(4)(i)-(ii), (d)(2), 63.1023(e)(2), 63.1024(d), [G](f), 63.1038(a), (b)(1)-(2), (b)(3), 63.1038(b)(6)-(7), [G](c)(1), (c)(3), 63.1038(c)(5)*	*63.7883(e), 63.7921(c)(1)-(2), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), 63.7951(b)(9), [G](b)(10), 63.7951(d), (f), [G](g)-(h), 63.7953(d), 63.1039(a), [G]63.1039(a)(1), (b), 63.1039(b)(1), (b)(1)(i), 63.1039(b)(1)(iii), (b)(2)-(5), 63.1039(b)(8)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
22	*B35EWPT910*	*63GGGGG-01*	*HAP*	*63.7911(c)(3)-(4), 63.7912(b)(1)-(2), 63.7913(c)(2), 63.7927(a)(1)(i), (g), (i), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), (j)(1)(ii), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a)-(b), 63.7941(b)(1)-(3), (c)-(g), (k), 63.7942, 63.7944(a), (b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), [G]63.1047(a), [G](c), 63.693(g)(2)(i)(B), [G]63.694(k)-(l), 63.695(c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]69.695(c)(3)*	*63.7911(c)(1), 63.7913(c)(4), (c)(6), 63.7926(b)(1)-(2), (d)(2), (h)(2)-(3), 63.7927(g), (i), [G]63.7928(b)(4), 63.7928(d)(4), (j)(1)(iv), 63.7944(b)(1), 63.7944(c), 63.7945(b), 63.7946(a) 63.7952(a), (a)(1)-(3), (a)(9), [G](b), 63.7952(c), 63.7953(a)-(d), 63.695(c)(1), (c)(1)(iv), [G](c)(3)*	*63.7883(e), 63.7911(c), 63.7926(b), (d), (h), 63.7935(e)-(f), 63.7941(a), (m) 63.7945(d), 63.7950(a)-(d), [G]63.7950(e), [G]63.7951(a), 63.7951(b), (b)(1)-(3), 63.7951(b)(5)-(7), [G](8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f) [G]63.7951(g)-(h), 63.7953(d)*
23	*B35EWSP930*	*63GGGGG-01*	*HAP*	*63.7892, 63.7927(a)(1)(i), (g), 63.7928(b)(1), (b)(3), (d)(2)-(3), [G]§63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), [G]63.7945(a), (c) 63.693(g)(2)(i)(B), [G]63.694(k), 63.695(c)(1), (c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7893(d), 63.7926(b)(1)-(2), 63.7926(d)(2), 63.7927(g), [G]63.7928(b)(4), (d)(4), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), (a)(1)-(3), 63.7952(a)(9), [G](b), (c)-(d), 63.7953(a)-(d), 63.695(c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(g)*	*63.7883(e), 63.7891(d), 63.7926(b)-(d), 63.7935(e)-(f), 63.7941(a), (m), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d), 63.7945(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
22	*B35EWSP970*	*63GGGGG-01*	*HAP*	*63.7911(c)(3)-(4), 63.7912(b)(1)-(2), 63.7913(c)(2), 63.7927(a)(1)(i), (g), (i), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), (j)(1)(ii), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a)-(b), 63.7941(b)(1)-(3), (c)-(g), (k), 63.7942, 63.7944(a), (b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), [G]63.1047(a), [G](c), 63.693(g)(2)(i)(B), [G]63.694(k)-(l), 63.695(c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]69.695(c)(3)*	*63.7911(c)(1), 63.7913(c)(4), (c)(6), 63.7926(b)(1)-(2), (d)(2), (h)(2)-(3), 63.7927(g), (i), [G]63.7928(b)(4), 63.7928(d)(4), (j)(1)(iv), 63.7944(b)(1), 63.7944(c), 63.7945(b), 63.7946(a) 63.7952(a), (a)(1)-(3), (a)(9), [G](b), 63.7952(c), 63.7953(a)-(d), 63.695(c)(1), (c)(1)(iv), [G](c)(3)*	*63.7883(e), 63.7911(c), 63.7926(b), (d), (h), 63.7935(e)-(f), 63.7941(a), (m) 63.7945(d), 63.7950(a)-(d), [G]63.7950(e), [G]63.7951(a), 63.7951(b), (b)(1)-(3), 63.7951(b)(5)-(7), [G](8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f) [G]63.7951(g)-(h), 63.7953(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
22	*B35RSSP955*	*63GGGGG-01*	*HAP*	*63.7911(c)(3)-(4), 63.7912(b)(1)-(2), 63.7913(c)(2), 63.7927(a)(1)(i), (g), (i), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), (j)(1)(ii), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a)-(b), 63.7941(b)(1)-(3), (c)-(g), (k), 63.7942, 63.7944(a), (b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), [G]63.1047(a), [G](c), 63.693(g)(2)(i)(B), [G]63.694(k)-(l), 63.695(c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]69.695(c)(3)*	*63.7911(c)(1), 63.7913(c)(4), (c)(6), 63.7926(b)(1)-(2), (d)(2), (h)(2)-(3), 63.7927(g), (i), [G]63.7928(b)(4), 63.7928(d)(4), (j)(1)(iv), 63.7944(b)(1), 63.7944(c), 63.7945(b), 63.7946(a) 63.7952(a), (a)(1)-(3), (a)(9), [G](b), 63.7952(c), 63.7953(a)-(d), 63.695(c)(1), (c)(1)(iv), [G](c)(3)*	*63.7883(e), 63.7911(c), 63.7926(b), (d), (h), 63.7935(e)-(f), 63.7941(a), (m) 63.7945(d), 63.7950(a)-(d), [G]63.7950(e), [G]63.7951(a), 63.7951(b), (b)(1)-(3), 63.7951(b)(5)-(7), [G](8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f) [G]63.7951(g)-(h), 63.7953(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*B35RSSP965*	*63GGGGG-01*	*HAP*	*63.7896(f)(2), 63.7897(b), [G]63.7897(b)(3), 63.7898(f)(2), 63.7927(a)(1)(i), (g), (i), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), (j)(1)(ii), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), 63.693(g)(2)(i)(B), [G]63.694(k), [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7896(f)(1), 63.7898(b)(1), (b)(3), 63.7898(f)(4), (f)(6), 63.7926(b)(1)-(2), 63.7926(d)(2), (h)(2)-(3), 63.7927(g), 63.7927(i), [G]63.7928(b)(4), (d)(4), 63.7928(j)(1)(iv), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), 63.7952(a)(1)-(3), (a)(8)-(9), [G](b), 63.7952(c), 63.7953(a)-(d), 63.1065(a), [G]63.695(b)(3)-(4), (c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(e)*	*63.7883(e), 63.7896(b), (f), 63.7896(f)(3)-(4), 63.7926(b), 63.7926(d), (h), 63.7935(e)-(f) 63.7941(a), (m), 63.7945(d), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d), 63.7945(d)*
21	*B47ELFU1*	*63GGGGG-01*	*HAP*	*63.7922(c), 63.7940(c), 63.7941(a), (d), 63.7944(a)-(b), 63.7944(b)(1), [G](b)(2), (c)-(d), 63.7946(a)-(b), 63.1023(a), 63.1023(a)(1)(i), (a)(1)(iii), 63.1023(a)(1)(v), (b), (b)(1), 63.1023(b)(2)(i)-(ii), (b)(3)-(4), [G]63.1023(b)(4)(i)-(ii), (b)(5)-(6), [G]63.1023(c), (d), 63.1038(b)(6)*	*63.7921(c)(2)(ii), 63.7922(c)-(d), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), [G](a)(4)-(5), 63.7952(a)(6), (a)(9), (c), 63.7953(a)-(d), 63.1022(c)(3), 63.1022(c)(4)(i)-(ii), (d)(2), 63.1023(e)(2), 63.1024(d), [G](f), 63.1038(a), (b)(1)-(3), (b)(6)-(7) [G]63.1038(c)(1), (c)(3), (c)(5)*	*63.7883(e), 63.7921(c)(1)-(2), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), 63.7951(b)(9), [G](b)(10), 63.7951(d), (f), [G](g)-(h), 63.7953(d), 63.1039(a), [G]63.1039(a)(1), (b), 63.1039(b)(1), (b)(1)(i), 63.1039(b)(1)(iii), (b)(2)-(5), 63.1039(b)(8)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
20	*B47ENVST1*	*63GGGGG-01*	*HAP*	*63.7896(f)(2), 63.7897(b), [G]63.7897(b)(3), 63.7898(f)(2), 63.7927(a)(1)(i), (c), 63.7928(b)(1), (b)(3), (d), 63.7928(d)(2)-(3), [G]63.7935(g)-(h), (i)-(j), 63.7940(c), 63.7941(a), (c)-(d), (f), 63.7942, 63.7944(a)-(b), (b)(1), [G]63.7944(b)(2), (c)-(d), [G]63.7945(a), (c), 63.7946(a)-(b), 63.693(d)(2)(ii)(B), [G]63.694(k), [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), 63.695(c)(1)(ii)(A)-(B), (c)(1)(iv), [G]63.695(c)(3)*	*63.7896(f)(1), 63.7898(b)(1), (b)(3), 63.7898(f)(4), (f)(6), 63.7926(b)(1)-(2), 63.7926(d)(2), 63.7927(c), [G]63.7928(b)(4), (d)(4), [G](f)-(g), 63.7944(b)(1), (c), 63.7945(b), 63.7946(a), 63.7952(a), (a)(1)-(3), 63.7952(a)(8)-(9), [G](b), (c), 63.7953(a)-(d), 63.1065(a) [G]63.695(b)(3)-(4), (c)(1), (c)(1)(iv), [G]63.695(c)(3), [G]63.696(e)*	*63.7883(e), 63.7896(b), (f), 63.7896(f)(3)-(4), 63.7926(b), 63.7926(d)-(e), 63.7935(e)-(f), 63.7941(a), (m), 63.7945(d), 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5)-(6), [G](b)(8), 63.7951(b)(11), (b)(11)(iv), 63.7951(d), [G](e), (f), [G]63.7951(g)-(h), 63.7953(d)*
20	*B47ENVST2*	*63GGGGG-01*	*HAP*	*63.7897(a), 63.7898(c)(2), 63.7940(c), 63.7941(a), (d), (g), 63.7944(a)-(b), (b)(1), [G](b)(2), 63.7944(c)-(d), 63.7946(a)-(b), 63.906(a)(1)-(2)*	*63.7896(b)(2), (c), (c)(1)-(3), 63.7898(b)(1), (b)(3), (c)(4)-(5), 63.7944(b)(1), (c), 63.7946(a), 63.7952(a), (a)(1)-(3), (a)(8)-(9), (c), 63.7953(a)-(d), 63.1065(a), [G]63.907(a), (b)*	*63.7883(e), 63.7896(b)-(c), 63.7896(c)(1)-(3), 63.7935(e)-(f), 63.7941(a), (m) 63.7950(a)-(d), [G](e), [G]63.7951(a), (b), (b)(1)-(3), 63.7951(b)(5), [G](b)(7), (d), 63.7951(f), [G](g)-(h), 63.7953(d)*
24	*OC1UOGE1*	*60IIII-01*	*NMHC + NO_X*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC1UOGE1*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*

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

Date: September 4, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
24	*OC1UOGE1*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6U6OGE02A*	*60IIII-01*	*THC + NO_X*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6U6OGE02A*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6U6OGE02A*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6U6OGE02B*	*60IIII-01*	*THC + NO_X*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6U6OGE02B*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6U6OGE02B*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6UOGE004*	*60IIII-01*	*NMHC + NO_X*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6UOGE004*	*60IIII-01*	*CO*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*
24	*OC6UOGE004*	*60IIII-01*	*PM*	*60.4209(a)*	*60.4214(b)*	*[G]60.4214(d)*

From: Schmidt, Crystal (C) <cschmidt6@dow.com>
Sent: Thursday, May 30, 2024 9:53 AM
To: Carolyn Maus
Subject: RE: Technical Review -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

Carolyn,

Yes, please combine the minor revision and the renewal projects into one project. 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: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, May 29, 2024 6:26 PM
To: Schmidt, Crystal (C) <cschmidt6@dow.com>
Subject: Technical Review -- FOP O2211/Project 36602, The Dow Chemical Company/Dow Texas Operations Freeport

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

Good evening,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O2211 for The Dow Chemical Company, Dow Texas Operations Freeport, Environmental Operations area. This application has been assigned Project No. 36602. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the Permit and Project reference numbers above to facilitate tracking. I have begun technical review and will inform you if I have further questions or need any updated forms.

At this early stage, I only have one question for you. I am also assigned to the pending minor revision (Project 36381) for this permit. It would be most efficient if we could combine the revision with this renewal and work everything together. Please let me know by **Wednesday, June 5, 2024** if this is acceptable. (If the projects are kept separate, then I would have to issue the minor revision first and then do the renewal afterwards.)

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

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

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

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

If you choose to submit your application updates through STEERS, please notify me when these updates have been submitted.

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

Thank you for your cooperation.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400


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

Carolyn Thomas

From: eNotice TCEQ
Sent: Wednesday, May 1, 2024 2:17 PM
To: joan.huffman@senate.texas.gov; cody.vasut@house.texas.gov
Subject: TCEQ Notice - Permit Number O2211
Attachments: TCEQ Notice - O2211_36602.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

May 1, 2024

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

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 36602
Permit Number: O2211
The Dow Chemical Company
Environmental Operations
Freeport, Brazoria County
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976

Dear Senator Huffman:

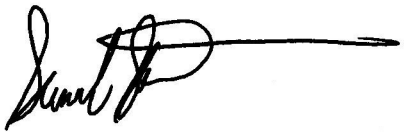
This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will 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=-95.352777,28.9825&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.

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,



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

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

May 1, 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: 36602
Permit Number: O2211
The Dow Chemical Company
Environmental Operations
Freeport, Brazoria County
Regulated Entity Number: RN100225945
Customer Reference Number: CN600356976

Dear Representative Vasut:

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=-95.352777,28.9825&level=13.

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

Sincerely,

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

Texas Commission on Environmental Quality

Title V Existing

2211

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ENVIRONMENTAL OPERATIONS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.######)	28.9825
Longitude (W) (-###.######)	95.352777
Primary SIC Code	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 (###-###-####)	9792389877
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.	FRAN FALCON(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MS
First	FRAN
Middle	
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:)	APB BLDG
City	FREEPORT
State	TX
Zip	77541
Phone (###-###-####)	9792389978
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:	Duly Authorized Representative Contact Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	APB BLDG
City	FREEPORT
State	TX
ZIP	77541
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 58 Min 57 Sec
3) Permit Longitude Coordinate:	95 Deg 21 Min 10 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Renewal

4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name	OP_1_Form_OP-1.pdf
Hash	B408AB1EEC1C4BD4D4539629471D282849F5492234D1F32F5D7EA845950105E0
MIME-Type	application/pdf

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

[File Properties]

File Name	OP_2_Form_OP-2.pdf
Hash	A916A50F23AF49E73707F36451A514D3F69BC9A64D346200301834811DFE4CAA
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name	OP_ACPS_Form_OP-ACPS.pdf
Hash	AC583E7D8AAEC56432E56907975CDE37974B9737DC12F2744CA980BB686984DA
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
Hash	38954A782559C0BF580F72AB9C28C1E842D08AF471631F403D917DD49F4C3A28
MIME-Type	application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name	OP_REQ2_Form_OP-REQ2.pdf
Hash	5E11C73A0E13725DAFACF532B4FE5EE07B0F450D4AD568E3AEE239A96EBE6C64
MIME-Type	application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name OP_REQ3_Form_OP-REQ3.pdf

Hash E48DBA06F465598DA72FBD9AEE680983C7880C884124ABA8D97269BA878EEE25

MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name OP_PBRSUP_Form_OP-PBRSUP.pdf

Hash 22D35C48352E2F0A1CCB4006AE33F17F7AEF5409250865EF23B9785D9E6F4C08

MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP_SUMR_Form_OP-SUMR.pdf

Hash EE13961F4286AADBD3E1F444CE246AD0A0D659A8013914DB06817821182BACEB

MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

[File Properties]

File Name OP_MON_Form_OP-MON.pdf

Hash 21A8E6778A30F77CA241B04BAAA591E31157435DD845EB7D0819BE873471EE49

MIME-Type application/pdf

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name Form_OP-UAs.pdf

Hash CAB3863E2F296EB42837F1882FCD7E2478730DF7ED4AC6201422E7BAE65DFEF7

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 1A2D473E89A174E5A9CF2B53391C1DAD1AD2AB4035F284BC4C47E0201BF8A19D

MIME-Type application/pdf

[File Properties]

File Name Process_Description.pdf

Hash 99B648654B03501BBB1E9E73A2090F8F4D359F22327EC2A122BB7F927923C6AE

MIME-Type	application/pdf

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

Expedite Title V

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer 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 2211.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	165.225.32.244
Signature Date:	2024-04-29
Signature Hash:	4725663576DE3F41DE74D82CB21CFB9BFB69E4422881212DCE899ECE17426B81
Form Hash Code at time of Signature:	547AC51AE76FF215ABB6D06916F675853855DC7C948D68D48AE21A950BC39E91

Submission

Reference Number:	The application reference number is 650825
Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2024-04-29 at 17:53:57 CDT
Submitted From:	The application was submitted from IP address 165.225.32.244
Confirmation Number:	The confirmation number is 537515
Steers Version:	The STEERS version is 6.74
Permit Number:	The permit number is 2211

Additional Information

Application Creator: This account was created by Crystal Schmidt

April 29, 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
Environmental Operations, RN100225945
Title V Permit O2211 Renewal Application

Dear Mr. Bowers,

The Dow Chemical Company is submitting the Title V Operating Permit O2211 renewal application for the Environmental Operations Unit located in Brazoria County, Texas. The following forms are included in this submittal as part of the permit application.

- Form OP-1
- Form OP-CRO1
- Form OP-2
- Form OP-SUMR
- Form OP-UAs
- Form OP-REQ1
- Form OP-REQ2
- Form OP-REQ3
- Form OP-PBRSUP
- Form OP-MONs
- Form OP-ACPS

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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

Permit Area Process Description

B-3500 Wastewater Treatment Plant
The B-3500 wastewater treatment plant has three major process areas where different wastewater streams are treated. The chlorohydrin process area uses biological treatment to treat high volume of water with a low level of waste. The specialties process area uses biological treatment of the majority of the plants. The process treats a low volume of water with a high level of waste. Kiln wastewater treatment section treats waste from the kiln and from the B-3500 THROX scrubber. Metals in the water are precipitated out. In addition to the main water treatment sections of the plant there are support systems associated with these major sections which include: primary solids treatment, secondary solids treatment, sludge oxidation, the wastewater header system, the raw materials area and the vacuum truck area.

B-800 Thermal Oxidizer
The reactor temperature is maintained at 1100-1300 °C with flue gas and liquid recyclable wastes (RCLs) providing the BTUs. Steam is injected in the reactor to convert chlorine to HCl. The gases from the reactor are quenched with recycle liquid and river water. Gas at approximately 110 °C is drawn and is neutralized with Mg(OH)2. River water is added to control MgCl2 concentration. The gas is quenched by sea water in a venturi scrubber. The liquid and gas are separated in the separator with the gas going to the Aerosep unit for particulate removal and the liquid going to the Dorr ponds. A probe at the base of the stack calls for sulfur dioxide addition. The pH of the liquid effluent is approximately 3 and is adjusted to approximately 7.5 with NaOH.

B-3300 Kiln
The kiln includes a waste feed system, the incinerator, heat recovery and pollution abatement system. The incinerator has a rotary kiln in which both solid and liquid waste can be fed. The kiln outlet flue gas then enters the afterburner chamber (ABC) where liquid waste and process vents are introduced. The exit temperature of the ABC is maintained at 1640 F or greater to ensure complete combustion of waste. The flue gas from the ABC then enters a boiler used to recover heat from the combustion process. The flue gas then enters the pollution abatement system where a series of scrubbers and particulate removal units treat the gas before it is released to the atmosphere through a stack. The stack gas is continuously monitored for both CO and CO2.

B-3400 Flameless Thermal Oxidizer
The Flameless Thermal Oxidizer (FTO) receives emissions from various units in Plant B. The FTO controls VOC emissions with a destruction and removal efficiency of 99.99%. Additionally, the FTO includes a scrubber which removes Hydrogen Chloride (HCl) with an efficiency of 99.9% and Chlorine with an efficiency of 95%.

A-4200 & B-4700 Remediation and Groundwater recovery process
Remediation activities consists of 16 landfills dispersed the plants and Oyster Creek locations. There are a total of 80 ground water recovery wells. Each facility has a separation facility to remove organic materials from the ground water. The recovered waster is then sent to the approved water stripper. The concentrated organics are collected and shipped either to the Texas Kiln or the Thermal Oxidizer for treatment.

Federal Operating Permit Program
Site Information Summary
Form OP-1
Texas Commission on Environmental Quality

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

I.	**Company Identifying Information**
A.	Company Name: **The Dow Chemical Company**
B.	Customer Reference Number (CN): **CN600356976**
C.	Submittal Date *(mm/dd/yyyy):* **April 29, 2024**
II.	**Site Information**
A.	Site Name: **Dow Texas Operations Freeport**
B.	Regulated Entity Reference Number (RN): **RN100225945**
C.	Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)*
☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*
☒ VOC ☒ NO_X ☒ SO_2 ☒ PM_{10} ☒ CO ☐ Pb ☒ HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? ☐ YES ☒ NO
F.	Is the site within a local program area jurisdiction? ☒ YES ☐ NO
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III.	**Permit Type**
A.	Type of Permit Requested: *(Select only one response)*
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)	

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

IV.	**Initial Application Information** *(Complete for Initial Issuance Applications Only.)*	
A.	Is this submittal an abbreviated or a full application?	☐ Abbreviated ☐ Full
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ YES ☐ NO
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ YES ☐ NO
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	☐ YES ☐ NO
E.	Has the required Public Involvement Plan been included with this application?	☐ YES ☐ NO
V.	**Confidential Information**	
A.	Is confidential information submitted in conjunction with this application?	☐ YES ☒ NO
VI.	**Responsible Official (RO) Identifying Information**	
RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)		
RO Full Name: **John Sampson**		
RO Title: **Senior VP**		
Employer Name: **The Dow Chemical Company**		
Mailing Address: **2301 N Brazosport Blvd**		
City: **Freeport**		
State: **TX**		
ZIP Code: **77541-3203**		
Territory:		
Country:		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.:		
Fax No.:		
Email: txles@dow.com		

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

VII. Technical Contact Identifying Information *(Complete if different from RO.)*	
Technical Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)	
Technical Contact Full Name: **Crystal Schmidt**	
Technical Contact Title: **Air Permit Manager**	
Employer Name: **The Dow Chemical Company**	
Mailing Address: **332 TX-332**	
City: **Lake Jackson**	
State: **TX**	
ZIP Code: **77566**	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: **(979) 238-1742**	
Fax No.:	
Email: **cschmidt6@dow.com**	
VIII. Reference Only Requirements *(For reference only.)*	
A. State Senator: Joan Huffman, District 17	
B. State Representative: Cody Vasut, District 25	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	☒ YES ☐ NO ☐ N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
E. Indicate the alternate language(s) in which public notice is required: **Spanish**	

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

IX.	**Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)*
A.	Office/Facility Name:
B.	Physical Address:
City:	
State:	
ZIP Code:	
Territory:	
Country:	
Foreign Postal Code:	
C.	Physical Location:
D.	Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:	
E.	Telephone No.:
X.	**Application Area Information**
A.	Area Name: **Environmental Operations**
B.	Physical Address: **2301 N. Brazosport Blvd**
City: **Freeport**	
State: **Texas**	
ZIP Code: **77541**	
C.	Physical Location:
3301 5th Ave S	
D.	Nearest City: **Freeport**
E.	State: **TX**
F.	ZIP Code: **77541**

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

X.	**Application Area Information** ***(continued)***
G.	Latitude (nearest second): **28° 58' 57"**
H.	Longitude (nearest second): **95° 21' 10"**
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO
J.	Indicate the estimated number of emission units in the application area:
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO
XI.	**Public Notice** *(Complete this section for SOP Applications and Acid Rain Permit Applications only.)*
A.	Name of a public place to view application and draft permit: **Freeport Library**
B.	Physical Address: **410 N Brazosport Blvd**
City: **Freeport**	
ZIP Code: **77541-3257**	
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.):	
Contact Person Full Name: **Crystal Schmidt**	
Contact Mailing Address: **332 TX-332**	
City: **Lake Jackson**	
State: **TX**	
ZIP Code: **77566**	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: **(979) 238-1742**	

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

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (☐ 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
Application for Permit Revision/Renewal
Form OP-2
Texas Commission on Environmental Quality

Date: **April 29, 2024**	
Permit No.: **O2211**	
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?	☒ YES ☐ NO
I. Application Type	
Indicate the type of application:	
☒ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☐ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ NO

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (*continued*)
Texas Commission on Environmental Quality

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)						
Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*						
☒ VOC	☒ NO_X	☒ SO_2	☒ PM_{10}	☒ CO	☐ Pb	☒ HAP
Other:						
IV. Reference Only Requirements *(For reference only)*						
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					☒ YES ☐ NO ☐ N/A	
V. Delinquent Fees and Penalties						
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

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

Date: **April 29, 2024**
Permit No.: **O2211**
Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	Multiple	OP-UAs OP-SUMR OP-REQ1 OP-REQ2 OP-REQ3	N/A	Dow requests updates to the unit sources whose UA forms have been updated since the last renewal. In addition, Dow is requesting the update to Unit Name/Description and Preconstruction Authorizations. Please see the attached Form OP-SUMR and OP-REQ1. Additions have been bolded and italicized and deletions have been struck through.

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

Date: **April 29, 2024**
Permit No.: **O2211**
Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
2	MS-C	NO	B33INS1 B34VMTO210	N/A	145335	Dow submitted an OP-Notify (Project No. 26086) to authorize the operation of alternate control devices, B34VMTO210 and B33INS1, for emissions from the PGA facility under Standard Permit Registration 145335. The current permit has incorporated reference to 40 CFR 63 Subpart PPP in ST&C 27 as result of this permit action. The OP-NOTIFY is represented here for completeness purposes only.

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

Date: **April 29, 2024**
Permit No.: **O2211**
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Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
3	SIG-E MS-C	YES	OC1UOGE1 OC6UOGE004	OP-UA2	N/A	Dow submitted an OP-NOTIFY (Project No. 26534) to authorize the installation of two emergency diesel engines, OC1UOGE1 and OC6UOGE004, under PBR 106.511. Dow is requesting to add positive applicability to 30 TAC Chapter 117, Subchapter B and 40 CFR Part 63, Subpart ZZZZ to these engines.
4	SIG-E	YES	OC1UOST1 OC6UOST004A	OP-REQ2	N/A	Dow submitted an OP-NOTIFY (Project No. 26534) to authorize the installation of two diesel storage tanks under PBR 106.472. Dow is requesting to add negative applicability for multiple storage tank regulations. Please see attached OP-REQ2.

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

Date: **April 29, 2024**
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Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
5	SIG-E	NO	A16DUC100	OP-REQ2	N/A	The addition of this source to the permit was requested as part of the pending streamline revision, Project No. 36381. In order to provide regulatory clarity for the facility, Dow is requesting to add negative applicability for 30 TAC Chapter 115, Industrial Wastewater to this source. See OP-REQ2.
6	MS-C	NO	B35EWSP930	OP-UA14	N/A	Dow is requesting to remove applicability to 30 TAC Chapter 115, Water Separation from this source. Upon further review, the source operates as a process vent not a water separator. See strikethrough on OP-UA14 Table 1. Chapter 115 VOC Vent Gas Control for a process vent is represented in the permit at B35EWS200.

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

Date: **April 29, 2024**
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Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
7	SIG-E	NO	A16ST100	OP-REQ2	N/A	The addition of this source, with positive applicability for 30 TAC Chapter 115 Storage of VOCs, was requested as part of the pending streamline revision, Project No. 36381. In order to provide regulatory clarity for the facility, Dow is requesting to add negative applicability for multiple storage tank regulations. Please see attached OP-REQ2.
8	SIG-E	NO	B35EWPT910	OP-UA14	N/A	Dow is requesting to update B35EWPT910 to remove operating scenario R5132-02 from this source. This source does not vent to the indicated control device, B35EWS201.

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

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Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
9	MS-C	NO	B33INFU1	OP-SUMR OP-PBRSUP	141281	Dow submitted an OP-NOTIFY (Project No. 25923) to represent authorization of additional waste stream constituents treated at the B-33 Kiln Facility under PBR 106.261 and PBR 106.262 authorizes, PBR No. 141281. The change did not result in a change to the existing regulatory applicability. The PBR registration number is being added to the source reference on the OP-SUMR and included on the attached OP-PBRSUP.

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

Date: **April 29, 2024**
Permit No.: **O2211**
Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
10	MS-C	NO	B8MBFU180	N/A	123629	Dow submitted an OP-NOTIFY (Project No. 25923) to represent the authorization of additional waste stream constituents at the B-824 Thermal Oxidizer with PBR 106.261 and PBR 106.262, PBR No. 123629. This registration has since been cancelled because it was incorporated in the last permit action for NSR Permit No. 313. The OP-NOTIFY is represented here for completeness purposes only.

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

Date: **April 29, 2024**
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Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
11	MS-C	NO	B35EWBP700	N/A	106.532	Dow submitted an OP-NOTIFY (Project No. 26001) to authorize the replacement of two filter presses at the Waste Water Treatment plant under 106.532. This change does not result in change in the regulatory applicability. This OP-NOTIFY is being included for completeness purposes only.
12	MS-C	NO	B8UBGE830	N/A	106.511	Dow submitted an OP-NOTIFY (Project No. 27846) to reference the authorization of an upgrade to this emergency diesel engine under PBR 106.511. This change does not result in a change in the regulatory applicability. This OP-NOTIFY is being included for completeness purposes only.

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

Date: **April 29, 2024**
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Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
13	MS-C	NO	B35EWST520	N/A	106.472	Dow submitted an OP-NOTIFY (Project No. 27978) to reference authorization for the change in service for D-520 under PBR 106.472. The tank remains a non-emitting tank. This change does not result in change in the regulatory applicability. This OP-NOTIFY is being included for completeness purposes only.
14	MS-C	NO	B34VMTO210	N/A	153746	Dow submitted an OP-NOTIFY (Project No. 28197) to reference authorization of an increase in emissions for the B34 Flameless Thermal Oxidizer under PBR No. 153746. This PBR registration has since been cancelled. This OP-NOTIFY is being included for completeness purposes only.

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

Date: **April 29, 2024**
Permit No.: **O2211**
Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
15	MS-C	NO	B3UBST309A B36UBT36A B36UBST36B	N/A	106.472	Dow submitted an OP-NOTIFY (Project No. 33346) to reference authorization for the replacement of three diesel tanks under PBR 106.472. This change does not result in change in the regulatory applicability. This OP-NOTIFY is being included for completeness purposes only.
16	MS-C	NO	B47ENVST1 B47ENVST2	N/A	168461	Dow submitted an OP-NOTIFY (Project No. 33544) to reference the authorization of a like for like replacement of the two remediation tanks under PBR No. 168461. There is no change in regulatory applicability with this permit action. This OP-NOTIFY is being included for completeness purposes only.

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

Date: **April 29, 2024**
Permit No.: **O2211**
Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
17	MS-C	YES	A25UACE08	OP-UA2	106.511	Dow submitted an OP-NOTIFY (Project No. 32673) to authorize the installation of an emergency diesel engine under PBR 106.511. Dow is requesting to add positive applicability to 30 TAC Chapter 117 and 40 CFR Part 63, Subpart ZZZZ to this source.
18	SIG-E	NO	A16ELST27 B35EWST33 OC1UOST36 OC2UOST24 OC4UOST10 OC4UOST17 OC4UOST30 OC6UOST15	OP-REQ2	N/A	Dow is requesting to add negative applicability for multiple storage tank regulations. Please see attached OP-REQ2.

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

Date: **April 29, 2024**
Permit No.: **O2211**
Regulated Entity No.: **RN100225945**
Company Name: **The Dow Chemical Company**

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

Revision No.	Revision Code	Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
19	SIG-E	NO	A25UAGE00A A25UAGE00B A25UAGE03G A25UAGE03H A25UAGE03I A25UAGE508 A5UAGE500A A5UAGE500E A70UAGE00B A70UAGE00C A91UAGE01D A91UAGE01F B12UBGE00A B12UBGE00C B14UBGE400 B18UBGE800 B20UBGE000 B33INGEAUX B36UBGE10C B36UBGE10E B3UBGE309 B3UBGE309E B5UBGE516D B5UBGE516E B64UBGE401 B71UBGE00D B73UBGE00D B73UBGE00E B87UBGE700 B8UBGE830 OC1U1GE60C OC2U2GE122 OC4U4GE000 OC4U4GE502 OC4U4GE505	OP-REQ2	N/A	Dow is requesting to add negative applicability for NSPS IIII for multiple engines. Please see attached OP-REQ2.

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality

Date: **April 29, 2024**		
Permit No.: **O2211**		
Regulated Entity No.: **RN100225945**		
Company Name: **The Dow Chemical Company**		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required: ***Spanish***	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A12EWST120	OP-UA19	TANK-V-120		20909	
	5	A16DUC100	~~OP-SUMR~~ ***OP-REQ2***	C-100 AIR STRIPPER FOR GROUNDWATER		18145	
		A16ELFU02	OP-REQ2	A16 FUGITIVES		18145	
		A16ELLR1	OP-UA19	T-27A/B LOADING		18145	
		A16ELST27	OP-UA19	T-27 AB SEPARATOR		18145	
	7	A16ST100	OP-UA3	T-100 GROUNDWATER TANK		18145 106.476/09/04/2000	
	17	***A25UACE08***	***OP-UA2***	***A2500 DIESEL ENGINE***		***106.511/09/04/2000***	
		A25UAGE00A	OP-UA2 OP-UA15	A2500A NATURAL GAS ENGINE		106.511/09/04/2000	
		A25UAGE00B	OP-UA2 OP-UA15	A2500B DIESEL ENGINE		106.511/09/04/2000	
		A25UAGE03G	OP-UA2	A2503G DIESEL ENGINE		106.511/09/04/2000	
		A25UAGE03H	OP-UA2	A2503H DIESEL ENGINE		106.511/09/04/2000	

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

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April 29, 2024	O2211	RN100225945

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		A25UAGE03I	OP-UA2	A2503I DIESEL ENGINE		106.511/09/04/2000	
		A25UAGE07C	OP-UA2	A2507C DIESEL ENGINE		106.511/09/04/2000	
		A25UAGE508	OP-UA2	GA2508 DIESEL ENGINE		106.511/09/04/2000	
		A25UAST250	OP-UA3	DA2500A TANK		106.472/09/04/2000	
		A25UAST25A	OP-REQ2	DA2503A TANK		106.472/09/04/2000	
		A25UAST25B	OP-UA3	DA2503B TANK		106.472/09/04/2000	
		A25UAST25	OP-REQ2	DA-2507 TANK		106.472/09/04/2000	
		A25UAST500	OP-UA3	DA500 TANK		106.472/09/04/2000	
		A27ARST200	OP-UA19	D-200 PHASE SEPARATION TANK		106.533/07/04/2004	
		A27ARST202	OP-UA19	D-202 PHASE SEPARATION TANK		106.533/07/04/2004	
		A27ARST204	OP-UA19	D-204 PHASE SEPARATION TANK		106.533/07/04/2004	
		A27ELFU1	OP-REQ2	A27 FUGITIVES		106.533/07/04/2004	

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

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April 29, 2024	O2211	RN100225945

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		A27ELLR1	OP-UA19	A27 AQUEOUS PHASE LOADING		106.533/07/04/2004	
		A3ENVLF1	OP-UA44	A-3 ASBESTOS LANDFILL		HW-50161-001	
		A42D101	OP-UA19	D-101 PHASE SEPARATION TANK		18145	
		A42D102	OP-UA19	D-102 PHASE SEPARATION TANK		18145	
		A42ELFU1	OP-REQ2	A42 FUGITIVES		18145	
		A42ELLR1	OP-UA19	A42 LOADING		18145	
		A42ELWT1	OP-UA19	WASTE WATER TANK D-103		18145	
		A5UAGE500A	OP-UA2 OP-UA15	A500A DIESEL ENGINE		106.511/09/04/2000	
		A5UAGE500E	OP-UA2	A500E DIESEL ENGINE		106.511/09/04/2000	
		A70UAGE00B	OP-UA2	A7000B DIESEL ENGINE		106.511/09/04/2000	
		A70UAGE00C	OP-UA2	A7000C DIESEL ENGINE		106.511/09/04/2000	
		A70UAST70A	OP-UA3	DA7000A TANK		106.472/09/04/2000	

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

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April 29, 2024	O2211	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
		A91UAGE01D	OP-UA2 OP-UA15	A9100D DIESEL ENGINE		106.511/09/04/2000	
		A91UAGE01F	OP-UA2	A9103F DIESEL ENGINE		106.511/09/04/2000	
		A91UAST91A	OP-UA3	DA9103A TANK		106.472/09/04/2000	
		A91UAST91B	OP-UA3	DA9100B TANK		106.472/09/04/2000	
		B12UBGE00A	OP-UA2	B1200A NATURAL GAS ENGINE		106.511/09/04/2000	
		B12UBGE00C	OP-UA2	B1200C NATURAL GAS ENGINE		106.511/09/04/2000	
		B14UBGE400	OP-UA2	B1400A DIESEL ENGINE		106.511/09/04/2000	
		B14UBST14A	OP-REQ2	DB-1400A TANK		106.472/09/04/2000	
		B18UBGE800	OP-UA2	B1800C DIESEL ENGINE		106.511/09/04/2000	
		B18UBST18B	OP-UA3	DB-1800A TANK		106.472/09/04/2000	
		B20UBGE000	OP-UA2	B2000 NATURAL GAS ENGINE		106.511/09/04/2000	

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

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April 29, 2024	O2211	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
		B33CV100	OP-REQ2	CV-100 KILN ASH CONVEYOR		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33CV101	OP-REQ2	CV-101 BOILER ASH CONVEYOR		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33CV102	OP-REQ2	CV-102 BOILER ASH CONVEYOR		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33EISC329	OP-UA16 OP-UA57	B-3329 DEGREASER		106.454/11/01/2001	
		B33INCT100	OP-UA13	KILN COOLING TOWER 100 A&B		106.372/09/04/2000	
	9	B33INFU1	OP-UA12	TEXAS KILN FUGITIVES		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT) 106.261/11/01/2003***[141281]*** 106.262/11/01/2003***[141281]***	

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

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April 29, 2024	O2211	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
		B33INFU2	OP-UA12	KILN R5 AND HON FUGITIVES		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INGEAUX	OP-UA2	KILN AUX DIESEL DRIVE ENGINE		106.511/09/04/2000	
		B33INS1	OP-UA1 OP-UA15 OP-UA35	TEXAS KILN		145335, HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INST410	OP-UA3	KILN TANK D-410		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INST420	OP-UA3	KILN TANK D-420		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33INST430	OP-UA3	KILN TANK D-430		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INST440	OP-UA3	KILN TANK D-440		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INST450	OP-UA3	KILN TANK D-450		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INST460	OP-UA3	KILN TANK D-460		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33INTR1	OP-UA55	B33 TRANSFER SYSTEMS		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	

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

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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
		B33UL410	OP-UA4	KILN TANK D-410 UNLOADING		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33UL420	OP-UA4	KILN TANK D-420 UNLOADING		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
	1	B33UL430	OP-UA4	~~KILN TANK D-410 UNLOADING~~ ***KILN TANK D-430 UNLOADING***		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
	1	B33UL440	OP-UA4	~~KILN TANK D-410 UNLOADING~~ ***KILN TANK D-440 UNLOADING***		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
	1	B33UL450	OP-UA4	~~KILN TANK D-410 UNLOADING~~ ***KILN TANK D-450 UNLOADING***		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	B33UL460	OP-UA4	~~KILN TANK D-410 UNLOADING~~ ***KILN TANK D-460 UNLOADING***		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33US500	OP-UA4	US-500 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33US501	OP-UA4	US-501 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33US502	OP-UA4	US-502 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33US503	OP-UA4	US-503 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33US504	OP-UA4	US-504 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33US510	OP-UA4	US-510 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B33US511	OP-UA4	US-511 DIRECT BURN STATION		HW-50161-001 SECTION X INCLUDING ATTACHMENT H (MAERT)	
		B34VMFU02	OP-U12	FTO R5 AND HON FUGITIVES		46428 106.261/11/01/2003 106.262/11/01/2003	
		B34VMTO210	OP-UA1 OP-UA6 OP-UA15 OP-UA35	FTO, R-1210A/B		46428, 145335	
		B35EWBP700	OP-UA19	GPT 710/720/730		20909	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35EWFP400	OP-UA19	FP-421/422 FILTER PRESS		20909	
		B35EWFU1	OP-REQ2	B-3500 PROCESS AREA		20909	
		B35EWFU2	OP-UA12	WWTP R5 AND HON FUGITIVES		20909	
	8	B35EWPT910	OP-UA14	TK-910 STORAGE TANK		106.476/09/04/2000	
		B35EWRX100	OP-UA19	R-100 SPECIALTIES BIOREACTOR		20909	
		B35EWRX110	OP-UA19	R-110 SPECIALTIES BIOREACTOR		20909	
		B35EWRX140	OP-UA19	R-140 CHLOROHYDRIN BIOREACTOR		20909	
		B35EWRX150	OP-UA19	R-150 CHLOROHYDRIN BIOREACTOR		20909	
		B35EWRX160	OP-UA19	R-160 CHLOROHYDRIN BIOREACTOR		20909	
		B35EWRX170	OP-UA19	R-170 CHLOROHYDRIN BIOREACTOR		20909	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35EWS200	OP-UA6 OP-UA15 OP-UA35	CC-200 THROX		20909	
		B35EWS201	OP-UA35	IN-201 BACK -UP TOX		20909	
	6	B35EWSP930	~~OP-UA14~~ ***OP-UA15***	~~T930 RCL SEPARATOR~~ ***T930 RCL STRIPPER***		106.476/09/04/2000	
		B35EWSP940	OP-UA14	V-940 RCL/WATER VAPORS		106.476/09/04/2000	
		B35EWSP970	OP-UA14	V970 RCL GRAVITY SEPERATOR		106.261/12/24/1998 106.262/12/24/1998	
		B35EWST33	OP-UA14	D-33 SPECIALTIES W.W. TANK		20909	
		B35EWT105	OP-UA19	CL-105 SPEICALTIES CLARIFIER		20909	
		B35EWT115	OP-UA19	CL-115 SPEICALTIES CLARIFIER		20909	
		B35EWT135	OP-UA19	FL-135 SAND FILTER		20909	
		B35EWT145	OP-UA19	CL-145 SECONDARY CLARIFIER		20909	
		B35EWT155	OP-UA19	CL-155 SECONDARY CLARIFIER		20909	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35EWT165	OP-UA19	CL-165 SECONDARY CLARIFIER		20909	
		B35EWT175	OP-UA19	CL-175 SECONDARY CLARIFER		20909	
		B35EWTLRCL	OP-UA4	RCL LOADING RACK		20909	
		B35RSSP935	OP-UA14	T935 RCL PRE-SEPARATOR		20909	
		B35RSSP945	OP-UA14	T945 RCL PRE-SEPARATOR		20909	
		B35RSSP955	OP-UA14	T955 RCL SEPARATOR		20909	
		B35RSSP965	OP-UA14	T965 RCL SEPARATOR		106.476/09/04/2000	
		B36UBGE10C	OP-UA2	B3610C DIESEL ENGINE		106.511/09/04/2000	
		B36UBGE10E	OP-UA2	B3610E DIESEL ENGINE		106.511/09/04/2000	
		B36UBST36A	OP-UA3	DB3610A TANK		106.472/09/04/2000	
		B36UBST36B	OP-UA3	DB3610B TANK		106.472/09/04/2000	
		B3UBGE307A	OP-UA2	B307A DIESEL ENGINE		106.511/09/04/2000	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B3UBGE309	OP-UA2	B309A DIESEL ENGINE		106.511/09/04/2000	
		B3UBGE309E	OP-UA2	B309E DIESEL ENGINE		106.511/09/04/2000	
		B3UBST309A	OP-UA3	DB309A TANK		106.472/09/04/2000	
		B47ELFU1	OP-REQ2	B47 FUGITIVES		20687	
		B47ELLR1	OP-UA19	RCL T/T LOADING FROM V-1 SEPARATOR		20687	
		B47ENVST1	OP-UA19	GROUNDWATER PROCESS TANK V-1		20687	
		B47ENVST2	OP-UA19	GROUND WATER PROCESS TANK V-2		20687	
		B50SC5008	OP-UA16 OP-UA57	B-5008 DEGREASER		106.454/11/01/2001	
		B5UBGE516D	OP-UA2 OP-UA15	B516D DIESEL ENGINE		106.511/09/04/2000	
		B5UBGE516E	OP-UA2 OP-UA15	B516E DIESEL ENGINE		106.511/09/04/2000	
		B5UBST516A	OP-REQ2	DB516A TANK		106.472/09/04/2000	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B5UBST516B	OP-REQ2	DB516B TANK		106.472/09/04/2000	
		B64UBGE401	OP-UA2	B6407C DIESEL ENGINE		106.511/09/04/2000	
		B64UBST640	OP-REQ2	DB-6407 TANK		106.472/09/04/2000	
		B71UBGE00D	OP-UA2	B7100D DIESEL ENGINE		106.511/09/04/2000	
		B71UBST71A	OP-REQ2	DB-7100A TANK		106.472/09/04/2000	
		B73UBGE00D	OP-UA2 OP-UA15	B7301D DIESEL ENGINE		106.511/09/04/2000	
		B73UBGE00E	OP-UA2 OP-UA15	B7301E DIESEL ENGINE		106.511/09/04/2000	
		B73UBST73A	OP-UA3	DB-7302A TANK		106.472/09/04/2000	
		B73UBST73B	OP-UA3	DB-7302B TANK		106.472/09/04/2000	
		B87UBGE700	OP-UA2	B8700 DIESEL ENGINE		106.511/09/04/2000	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	10	B8MBFU180	OP-REQ2	FUGITIVES:B-824 STORAGE		313 106.261/11/01/2003 106.262/11/01/2003 106.264/09/04/2000	
		B8MBFU2	OP-UA12	TO R5 AND HON FUGITIVES		313	
		B8MBSTV2	OP-UA3	TO TANK V-2		313	
		B8MBSTV4	OP-UA3	TO TANK V-4		313	
		B8MBSTV5	OP-UA3	TO TANK V-5		313	
		B8MBTO180	OP-UA1 OP-UA6 OP-UA15	THERMAL OXIDIZER, R-1		313 106.261/11/01/2003 106.262/11/01/2003	
		B8MBTR1	OP-UA55	B824 TRANSFER SYSTEMS		313	
		B8MBULRC1	OP-UA4	RAILCAR UNLOADING		106.261/11/01/2003 106.262/11/01/2003	
		B8MBULV2	OP-UA4	TO TANK V-2 UNLOADING		313	
		B8MBULV4	OP-UA4	TO TANK V-4 UNLOADING		313	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B8MBULV5	OP-UA4	TO TANK V-5 UNLOADING		313	
		B8TOLR824	OP-UA4	B-8 LOADING RACK		106.261/12/24/1998	
	12	B8UBGE830	OP-UA2	B830F DIESEL ENGINE		106.511/09/04/2000	
		B8UBST830A	OP-UA3	DB-830A TANK		106.472/09/04/2000	
		OC1U1GE60C	OP-UA2	MP-360C DIESEL ENGINE		106.511/09/04/2000	
		OC1UOST36	OP-REQ2	D-360 DIESEL TANK		106.472/09/04/2000	
	3	***OC1UOGE1***	***OP-UA2***	***DE-500 DIESEL ENGINE***		***106.511/09/04/2000***	
	4	***OC1UOST1***	***OP-REQ2***	***D-500 DIESEL TANK***		***106.472/09/04/2000***	
		OC2U2GE122	OP-UA2	GE-122 DIESEL ENGINE		106.511/09/04/2000	
		OC2UOST24	OP-REQ2	D-124 DIESEL TANK		106.472/09/04/2000	
		OC4U4GE000	OP-UA2	MP-3000 DIESEL ENGINE		106.511/09/04/2000	
		OC4U4GE502	OP-UA2	MP-1502 DIESEL ENGINE		106.511/09/04/2000	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		OC4U4GE505	OP-UA2	MP-1505 DIESEL ENGINE		106.511/09/04/2000	
		OC4UOST10	OP-REQ2	D-1204 DIESEL TANK		106.472/09/04/2000	
		OC4UOST17	OP-REQ2	D-1205 DIESEL TANK		106.472/09/04/2000	
		OC4UOST30	OP-REQ2	D-3000 DIESEL TANK		106.472/09/04/2000	
		OC6U6GE02A	OP-UA2	MP-902A DIESEL ENGINE		106.511/09/04/2000	
		OC6U6GE02B	OP-UA2	MP-902B DIESEL ENGINE		106.511/09/04/2000	
	3	***OC6UOGE004***	***OP-UA2***	***DE-004 DIESEL ENGINE***		***106.511/09/04/2000***	
	4	***OC6UOST004***	***OP-REQ2***	***D-004 DIESEL TANK***		***106.472/09/04/2000***	
		OC6UOST15	OP-REQ2	D-124 DIESEL TANK		106.472/09/04/2000	
		PROA16	OP-UA57	GROUNDWATER RECOVERY		83792	
		PROA27	OP-UA57	GROUNDWATER RECOVERY		83792	
		PROA42	OP-UA57	GROUNDWATER RECOVERY		83792	

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		PROB33	OP-UA57	KILN		83792	
		PROB34	OP-UA57	PLANT B VENT MANAGEMENT		83792	
		PROB35	OP-UA57	WASTE WATER TREATMENT PLANT		83792	
		PROB47	OP-UA57	GROUNDWATER RECOVERY		83792	
		PROB51	OP-UA57	LANDFILL		83792	
		PROB8	OP-UA57	THERMAL OXIDIZER		83792	
		PROIN33	OP-UA58	ENVIRONMENTAL OPERATIONS-INCINERATOR		HW-50161-001	
		PROMB824	OP-UA58	ENVIRONMENTAL OPERATIONS-THERMAL OXIDIZER		313	
		PROWD	OP-UA57	WATER DISTRIBUTION SYSTEM		83792	

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	A12EWST120, B35EWBP700, B35EWFP400, B35EWRX100, B35EWRX110, B35EWRX140, B35EWRX150, B35EWRX160, B35EWRX170, B35EWT105, B35EWT115, B35EWT135, B35EWT145, B35EWT155, B35EWT165, B35EWT175	OP-UA19		GRP-IWW

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	PROA16, PROA27, PROA42, PROB33, PROB34, PROB35, PROB47, PROB51, PROB8, PROWD	OP-UA57		GRP1

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	5	***A16DUC100***	***OP-REQ2***	***30 TAC Chapter 115, Industrial Wastewater***	***115.147***	***Does not handle an affected VOC wastewater stream.***
		A16ELFU02	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	Not a specified process
		A16ELLR1	OP-UA19	30 TAC Chapter 115, Loading and Unloading of VOC	115.147(3)	Loading rack is subject to Division 4 for Industrial Wastewater; therefore it is not subject to any other division of Chapter 115.
		A16ELST27	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
	18	A16ELST27	OP-UA19	40 CFR Part 63, Subpart G	~~63.149(a)~~ ***63.110(a)***	~~Does not handle affected liquid streams~~ ***Does not handle an affected liquid stream subject to 63.149***
		A16ELST27	OP-UA19	40 CFR Part 63, Subpart VV	63.1040	Not referenced by another applicable subpart in 40 CFR 60, 61, or 63.
	7	***A16ST100***	***OP-UA3***	***40 CFR Part 60, Subpart K***	***60.110b(a)***	***Constructed after 5/19/78***
	7	***A16ST100***	***OP-UA3***	***40 CFR Part 60, Subpart Ka***	***60.110b(a)***	***Constructed after 7/23/84***
	7	***A16ST100***	***OP-UA3***	***40 CFR Part 60, Subpart Kb***	***60.110b(a)***	***Storage vessel with capacity <19,800 gallons***
	7	***A16ST100***	***OP-UA3***	***40 CFR Part 61, Subpart Y***	***61.270(a)***	***Does not store benzene***

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	7	*A16ST100*	*OP-UA3*	*40 CFR Part 61, Subpart FF*	*61.340(b)*	*Does not contain or store benzene waste*
	7	*A16ST100*	*OP-UA3*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	7	*A16ST100*	*OP-UA3*	*40 CFR Part 63, Subpart DD*	*63.680(d)*	*Does not receive off-site waste*
	7	*A16ST100*	*OP-UA3*	*40 CFR Part 63, Subpart OO*	*63.9000*	*NO applicable subparts with 60, 61, or 63 reference this subpart*
	19	*A25UAGE00a*	*OP-UA2* *OP-UA15*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*
	19	*A25UAGE00B*	*OP-UA2* *OP-UA15*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*
	19	*A25UAGE03G*	*OP-UA2*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*
		A25UAGE03G	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
	19	*A25UAGE03H*	*OP-UA2*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*
		A25UAGE03H	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	19	***A25UAGE03I***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		A25UAGE03I	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
	19	***A25UAGE508***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***A5UAGE500A***	***OP-UA2 OP-UA15***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***A5UAGE500E***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		A25UAST25	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
		A25UAST25	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids.
		A25UAST25	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids.
		A25UAST25	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons.
		A25UAST25	OP-REQ2	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery.
		A25UAST25	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A25UAST25	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant.
		A25UAST25	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene.
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit.
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing processing unit.
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility.
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart.
		A25UAST25	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal.
		A25UAST250	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		A25UAST250	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		A25UAST250	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		A25UAST250	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A25UAST250	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A25UAST250	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		A25UAST250	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		A25UAST250	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		A25UAST25A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
		A25UAST25A	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		A25UAST25A	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A25UAST25A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		A25UAST25A	OP-REQ2	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		A25UAST25A	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A25UAST25A	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		A25UAST25A	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		A25UAST25A	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		A25UAST25B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

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		A25UAST25B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		A25UAST25B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		A25UAST25B	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		A25UAST25B	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A25UAST25B	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by - product recovery plant
		A25UAST25B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		A25UAST25B	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A25UAST500	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		A25UAST500	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		A25UAST500	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		A25UAST500	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		A25UAST500	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A25UAST500	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		A25UAST500	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A25UAST500	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A25UAST500	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A25UAST500	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A25UAST500	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		A25UAST500	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

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		A25UAST500	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		A27ARST200	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
		A27ARST202	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
		A27ARST204	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
		A27ELFU1	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.132	Not a specified process
		A27ELLR1	OP-UA19	30 TAC Chapter 115, Loading and Unloading of VOC	115.147(3)	Loading rack is subject to Division 4 for Industrial Wastewater; therefore it is not subject to any other division of Chapter 115.
		A3ENVLF1	OP-UA44	30 TAC Chapter 113, Municipal Solid Waste Landfill	113.2061(a)	Not a municipal solid waste landfill
		A3ENVLF1	OP-UA44	30 TAC Chapter 115, Mun. Solid Waste Landfills	115.152(a)	Not a municipal solid waste landfill
		A3ENVLF1	OP-UA44	40 CFR Part 60, Subpart WWW	60.750(a)	Not a municipal solid waste landfill
		A42D101	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOC's from groundwater remediation project.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A42D102	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
		A42ELFU1	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.132	Not a specified process
		A42ELFU1	OP-REQ2	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in benzene service
		A42ELFU1	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	Not in VHAP service
		A42ELLR1	OP-UA19	30 TAC Chapter 115, Loading and Unloading of VOC	115.147(3)	Loading rack is subject to Division 4 for Industrial Wastewater; therefore it is not subject to any other division of Chapter 115.
		A42ELWT1	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
	19	***A70UAGE00B***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***A70UAGE00C***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		A70UAST70A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		A70UAST70A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		A70UAST70A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A70UAST70A	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		A70UAST70A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A70UAST70A	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		A70UAST70A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		A70UAST70A	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
	19	***A91UAGE01D***	***OP-UA2 OP-UA15***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***A91UAGE01F***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		A91UAST91A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		A91UAST91A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		A91UAST91A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		A91UAST91A	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		A91UAST91A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A91UAST91A	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		A91UAST91A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

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		A91UAST91A	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		A91UAST91B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		A91UAST91B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		A91UAST91B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		A91UAST91B	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		A91UAST91B	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		A91UAST91B	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		A91UAST91B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

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		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		A91UAST91B	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
	19	***B12UBGE00A***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***B12UBGE00C***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***B14UBGE400***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B14UBST14A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
		B14UBST14A	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids.
		B14UBST14A	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids.
		B14UBST14A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons.
		B14UBST14A	OP-REQ2	40 CFR Part 60, Subpart OOO	60.690(a)(1)	Not located in a petroleum refinery.
		B14UBST14A	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B14UBST14A	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant.
		B14UBST14A	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene.
		B14UBST14A	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit.
		B14UBST14A	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B14UBST14A	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing processing unit.
		B14UBST14A	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility.
		B14UBST14A	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart.
		B14UBST14A	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal.
	19	***B18UBGE800***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B18UBST18B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B18UBST18B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B18UBST18B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B18UBST18B	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B18UBST18B	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B18UBST18B	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B18UBST18B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B18UBST18B	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
	19	***B20UBGE000***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B33CV100	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(b)	Does not receive off-site waste.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33CV101	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(b)	Does not receive off-site waste.
		B33CV102	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(b)	Does not receive off-site waste.
		B33EISC329	OP-UA16	40 CFR Part 63, Subpart T		<5% by lbs referenced halogenated solvents
		B33INCT100	OP-UA13	40 CFR Part 63, Subpart Q	63.400(a)	No Chromium-based chemicals on/after 9/8/1994.
		B33INFU1	OP-UA12	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.132	Not a specified process
		B33INFU2	OP-UA12	40 CFR Part 61, Subpart J	63.160(b)(2)	NESHAP J superseded by MACT H
		B33INFU2	OP-UA12	40 CFR Part 61, Subpart V	63.160(b)(2)	NESHAP V superseded by MACT H
		B33INFU2	OP-UA12	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B33INFU2	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	Not an applicable process identified in the regulation
	19	***B33INGEAUX***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B33INS1	OP-UA35	30 TAC Chapter 111, Incineration	111.121	Hazardous waste incinerators are not subjected to Chapter 111 requirements. The unit is complying with RCRA part 264 requirements.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33INS1	OP-UA35	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fuel-fired steam generator, furnace or heater. Not a liquid fuel-fired steam generator, furnace or heater.
		B33INS1	OP-UA35	40 CFR Part 60, Subpart Dc	60.40c(a)	Unit was not constructed, modified, or reconstructed after June 9, 1989.
		B33INS1	OP-UA35	40 CFR Part 60, Subpart E	60.50(a)	Does not have charging rate > 50 tons/day
		B33INS1	OP-UA35	40 CFR Part 61, Subpart C	61.30(a)	Does not process beryllium ore, metal, oxide, alloys, or beryllium containing waste from sources subject to this subpart.
		B33INST410	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B33INST410	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product plant
		B33INST410	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B33INST410	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B33INST410	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B33INST410	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33INST410	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B33INST410	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B33INST420	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B33INST420	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product plant
		B33INST420	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B33INST420	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B33INST420	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B33INST420	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B33INST420	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B33INST420	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B33INST430	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B33INST430	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product plant

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33INST430	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B33INST430	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B33INST430	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B33INST430	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B33INST430	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B33INST430	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B33INST440	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B33INST440	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product plant
		B33INST440	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B33INST440	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B33INST440	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B33INST440	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33INST440	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B33INST440	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B33INST450	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B33INST450	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product plant
		B33INST450	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B33INST450	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B33INST450	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B33INST450	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B33INST450	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B33INST450	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B33INST460	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B33INST460	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product plant

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B33INST460	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B33INST460	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B33INST460	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B33INST460	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B33INST460	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B33INST460	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B34VMFU02	OP-UA12	40 CFR Part 61, Subpart J	61.110(c)(2)	Does not operate in benzene service.
		B34VMFU02	OP-UA12	40 CFR Part 61, Subpart V	61.240(a)	Does not operate in VHAP service.
		B34VMFU02	OP-UA12	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B34VMFU02	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	Not an applicable process identified in the regulation
		B34VMTO210	OP-UA3	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fuel-fired steam generator, furnace or heater. Not a liquid fuel-fired steam generator, furnace, or heater

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35EWFU1	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	Not a specified process
		B35EWFU1	OP-REQ2	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in benzene service
		B35EWFU1	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	Not in VHAP service
		B35EWFU2	OP-UA12	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in benzene service.
		B35EWFU2	OP-UA12	40 CFR Part 61, Subpart V	61.240(a)	Does not operate in VHAP service.
		B35EWFU2	OP-UA12	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B35EWFU2	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	Not an applicable process identified in the regulation
		B35EWS200	OP-UA35	30 TAC Chapter 112, Sulfur Compounds	112.9(a)	Not a liquid fuel-fired steam generator, furnace, or heater
		B35EWS201	OP-UA35	30 TAC Chapter 112, Sulfur Compounds	112.8(a)	Not a solid fuel-fired steam generator and not a liquid fuel-fired steam generator, furnace or heater.
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 60, Subpart QQQ~~	~~60.690(a)(1)~~	~~Not located in a petroleum refinery~~
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart FF~~	~~61.340(b)~~	~~Does not handle benzene containing hazardous waste~~

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 61, Subpart L~~	~~61.130(a)~~	~~Not a furnace and foundry coke by-product recovery plant~~
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart CC~~	~~63.640(a)~~	~~Not a petroleum refining process unit~~
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart DD~~	~~63.680(d)~~	~~Does not receive off-site waste.~~
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart G~~	~~63.100(b)~~	~~Not part of a chemical manufacturing process unit~~
	6	~~B35EWSP930~~	~~OP-UA14~~	~~40 CFR Part 63, Subpart VV~~	~~63.1040~~	~~Not subject to a subpart which references the use of this subpart~~
		B35EWSP940	OP-UA14	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B35EWSP940	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not handle benzene containing hazardous waste
		B35EWSP940	OP-UA14	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B35EWSP940	OP-UA14	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35EWSP940	OP-UA14	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B35EWSP940	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35EWSP940	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not subject to a subpart which references the use of this subpart

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35EWSP970	OP-UA14	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B35EWSP970	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not handle benzene containing hazardous waste
		B35EWSP970	OP-UA14	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B35EWSP970	OP-UA14	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35EWSP970	OP-UA14	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B35EWSP970	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35EWSP970	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not subject to a subpart which references the use of this subpart
		B35EWST33	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
	18	B35EWST33	OP-UA14	40 CFR Part 63, Subpart G	~~63.149(a)~~ ***63.110(a)***	~~Does not handle affected liquid streams~~ ***Does not handle an affected liquid stream subject to 63.149***
		B35EWST33	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not referenced by another applicable subpart in 40 CFR 60 61 or 63
		B35EWTLRCL	OP-UA4	40 CFR Part 60, Subpart XX	60.500(a)	Not a bulk gasoline terminal

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35EWTLRCL	OP-UA4	40 CFR Part 61, Subpart BB	61.300(a)	No benzene loading
		B35EWTLRCL	OP-UA4	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35EWTLRCL	OP-UA4	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35EWTLRCL	OP-UA4	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B35EWTLRCL	OP-UA4	40 CFR Part 63, Subpart Y	63.560	Not a marine vessel loading operation
		B35RSSP935	OP-UA14	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B35RSSP935	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not handle benzene containing waste.
		B35RSSP935	OP-UA14	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace or foundry coke by-product recovery plant
		B35RSSP935	OP-UA14	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35RSSP935	OP-UA14	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B35RSSP935	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35RSSP935	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not subject to a subpart which references the use of this subpart

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35RSSP945	OP-UA14	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B35RSSP945	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not handle benzene containing hazardous waste
		B35RSSP945	OP-UA14	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace or foundry coke by-product recovery plant
		B35RSSP945	OP-UA14	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35RSSP945	OP-UA14	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B35RSSP945	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35RSSP945	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not subject to a subpart which references the use of this subpart
		B35RSSP955	OP-UA14	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B35RSSP955	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not handle benzene-containing hazardous waste
		B35RSSP955	OP-UA14	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace or foundry coke by-product recovery plant
		B35RSSP955	OP-UA14	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35RSSP955	OP-UA14	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B35RSSP955	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35RSSP955	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not subject to a subpart which references the use of this subpart
		B35RSSP965	OP-UA14	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B35RSSP965	OP-UA14	40 CFR Part 61, Subpart FF	61.340(b)	Does not handle benzene containing hazardous waste
		B35RSSP965	OP-UA14	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B35RSSP965	OP-UA14	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B35RSSP965	OP-UA14	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B35RSSP965	OP-UA14	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B35RSSP965	OP-UA14	40 CFR Part 63, Subpart VV	63.1040	Not subject to a subpart which references the use of this subpart
		B36UBST36A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B36UBST36A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B36UBST36A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B36UBST36A	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B36UBST36A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B36UBST36A	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by - product recovery plant
		B36UBST36A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil natural gas production facility
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B36UBST36A	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B36UBST36B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B36UBST36B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B36UBST36B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B36UBST36B	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B36UBST36B	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B36UBST36B	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B36UBST36B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of chemical manufacturing process unit
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B36UBST36B	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	not a bulk gasoline terminal
	19	***B36UBGE10C***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	19	***B36UBGE10E***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	19	***B3UBGE309***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B3UBGE309	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
	19	***B3UBGE309E***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B3UBGE309E	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
		B3UBST309A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B3UBST309A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B3UBST309A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B3UBST309A	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B3UBST309A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B3UBST309A	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B3UBST309A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60., 61, or 63 reference this subpart
		B3UBST309A	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B47ELFU1	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	Not a specified process.
		B47ELLR1	OP-UA19	30 TAC Chapter 115, Loading and Unloading of VOC	115.147(3)	Loading rack is subject to Division 4 for Industrial Wastewater; therefore it is not subject to any other division of Chapter 115.
		B47ENVST1	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.
		B47ENVST2	OP-UA19	30 TAC Chapter 115, Water Separation	115.137(a)(3)	Used solely to recover VOCs from groundwater remediation project.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	19	***B5UBGE516D***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B5UBGE516D	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
	19	***B5UBGE516E***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B5UBGE516E	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
		B5UBST516A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons
		B5UBST516A	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B5UBST516A	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B5UBST516A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B5UBST516A	OP-REQ2	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B5UBST516A	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B5UBST516A	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B5UBST516A	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B5UBST516A	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B5UBST516B	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons
		B5UBST516B	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B5UBST516B	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B5UBST516B	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B5UBST516B	OP-REQ2	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B5UBST516B	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B5UBST516B	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B5UBST516B	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B5UBST516B	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
	19	***B64UBGE401***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B64UBGE401	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B64UBST640	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
		B64UBST640	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids.
		B64UBST640	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids.
		B64UBST640	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons.
		B64UBST640	OP-REQ2	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery.
		B64UBST640	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste.
		B64UBST640	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant.
		B64UBST640	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene.
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit.
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing processing unit.
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart.
		B64UBST640	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal.
	19	***B71UBGE00D***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B71UBST71A	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
		B71UBST71A	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids.
		B71UBST71A	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids.
		B71UBST71A	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons.
		B71UBST71A	OP-REQ2	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery.
		B71UBST71A	OP-REQ2	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste.
		B71UBST71A	OP-REQ2	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant.
		B71UBST71A	OP-REQ2	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene.
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing processing unit.
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility.
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart.
		B71UBST71A	OP-REQ2	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal.
	19	***B73UBGE00D***	***OP-UA2*** ***OP-UA15***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	1	B73UBGE00D	OP-UA2 ***OP-UA15***	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
	19	***B73UBGE00E***	***OP-UA2*** ***OP-UA15***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
	1	B73UBGE00E	OP-UA2 ***OP-UA15***	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
		B73UBST73A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B73UBST73A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B73UBST73A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B73UBST73A	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B73UBST73A	OP-UA3	40 CFR Part 60, Subpart R	63.400(a)	Not bulk gasoline terminal
		B73UBST73A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B73UBST73A	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke-by product recovery plant
		B73UBST73A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B73UBST73A	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B73UBST73A	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B73UBST73A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B73UBST73A	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production
		B73UBST73A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B73UBST73B	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B73UBST73B	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B73UBST73B	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B73UBST73B	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B73UBST73B	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B73UBST73B	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B73UBST73B	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B73UBST73B	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	19	***B87UBGE700***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B8MBFU180	OP-REQ2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.352	Not a specified process
		B8MBFU180	OP-REQ2	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in benzene service
		B8MBFU180	OP-REQ2	40 CFR Part 61, Subpart V	61.240(a)	Not in VHAP service
		B8MBFU2	OP-UA12	40 CFR Part 61, Subpart J	61.110(a)	Does not operate in benzene service.
		B8MBFU2	OP-UA12	40 CFR Part 61, Subpart V	61.240(a)	Does not operate in VHAP service.
		B8MBFU2	OP-UA12	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B8MBFU2	OP-UA12	40 CFR Part 63, Subpart I	63.190(b)	Not an applicable process identified in the regulation
		B8MBSTV2	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B8MBSTV2	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B8MBSTV2	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed before 7/23/84
		B8MBSTV2	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B8MBSTV2	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B8MBSTV2	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B8MBSTV2	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B8MBSTV2	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not a part of a chemical manufacturing process unit
		B8MBSTV2	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B8MBSTV2	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B8MBSTV2	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B8MBSTV4	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B8MBSTV4	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B8MBSTV4	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed before 7/23/84
		B8MBSTV4	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B8MBSTV4	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B8MBSTV4	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B8MBSTV4	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B8MBSTV4	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not a part of a chemical manufacturing process unit
		B8MBSTV4	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B8MBSTV4	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B8MBSTV4	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
		B8MBSTV5	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B8MBSTV5	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B8MBSTV5	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Constructed before 7/23/84
		B8MBSTV5	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B8MBSTV5	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by-product recovery plant
		B8MBSTV5	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B8MBSTV5	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B8MBSTV5	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not a part of a chemical manufacturing process unit
		B8MBSTV5	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production facility
		B8MBSTV5	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61 or 63 reference this subpart
		B8MBSTV5	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
	19	***B8UBGE830***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		B8UBST830A	OP-UA3	40 CFR Part 60, Subpart K	60.110(a)	Does not store petroleum liquids
		B8UBST830A	OP-UA3	40 CFR Part 60, Subpart Ka	60.110a(a)	Does not store petroleum liquids
		B8UBST830A	OP-UA3	40 CFR Part 60, Subpart Kb	60.110b(a)	Storage vessel with capacity < 19,800 gallons
		B8UBST830A	OP-UA3	40 CFR Part 60, Subpart QQQ	60.690(a)(1)	Not located in a petroleum refinery
		B8UBST830A	OP-UA3	40 CFR Part 61, Subpart FF	61.340(b)	Does not contain or store benzene waste
		B8UBST830A	OP-UA3	40 CFR Part 61, Subpart L	61.130(a)	Not a furnace and foundry coke by by-product recovery plant

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		B8UBST830A	OP-UA3	40 CFR Part 61, Subpart Y	61.270(a)	Does not store benzene
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart CC	63.640(a)	Not a petroleum refining process unit
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart DD	63.680(d)	Does not receive off-site waste.
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart G	63.100(b)	Not part of a chemical manufacturing process unit
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart HH	63.760(a)	Not located at an oil or natural gas production
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart OO	63.900	No applicable subparts with 60, 61, or 63 reference this subpart
		B8UBST830A	OP-UA3	40 CFR Part 63, Subpart R	63.420(a)	Not a bulk gasoline terminal
	19	***OC1U1GE60C***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		OC1U1GE60C	OP-UA2	40 CFR Part 63, Subpart ZZZZ	63.6590(b)(3)	The engine is an existing, emergency use RICE with a site rating of more than 500 HP.
	4	***OC1UOST1***	***OP-REQ2***	***30 TAC Chapter 115, Storage of VOCs***	***115.117(a)(8)***	***Storage capacity is less than or equal to 1000 gallons.***
	4	***OC1UOST1***	***OP-REQ2***	***40 CFR Part 60, Subpart K***	***60.110(a)***	***Constructed after 5/19/78 Does not store petroleum liquids***

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 60, Subpart Ka*	*60.110a(a)*	*Constructed after 7/23/84 Does not store petroleum liquids*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 60, Subpart Kb*	*60.110b(a)*	*Storage vessel with capacity <19,800 gallons Constructed before 7/23/84*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 61, Subpart Y*	*61.270(a)*	*Does not store benzene*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 61, Subpart FF*	*61.340(b)*	*Does not contain or store benzene waste.*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart DD*	*63.680(d)*	*Does not receive off-site waste.*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart OO*	*63.900*	*No applicable subparts with 60, 61 or 63 reference this subpart*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart CC*	*63.640(a)*	*Not a petroleum refining process unit*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.100(b)*	*Not a part of a chemical manufacturing process unit*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart HH*	*63.760(a)*	*Not located at an oil or natural gas production facility*
	4	*OC1UOST1*	*OP-REQ2*	*40 CFR Part 63, Subpart OO*	*63.900*	*No applicable subparts with 60, 61 or 63 reference this subpart*

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	4	***OC1UOST1***	***OP-REQ2***	***40 CFR Part 63, Subpart R***	***63.420(a)***	***Not a bulk gasoline terminal***
		OC1UOST36	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 60, Subpart K***	***60.110(a)***	***Constructed after 5/19/78***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 60, Subpart Ka***	***60.110a(a)***	***Constructed after 7/23/84***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 60, Subpart Kb***	***60.110b(a)***	***Storage vessel with capacity <19,800 gallons***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 61, Subpart Y***	***61.270(a)***	***Does not store benzene***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 61, Subpart FF***	***61.340(b)***	***Does not contain or store benzene waste.***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 63, Subpart G***	***63.110(a)***	***Does not handle an affected liquid stream subject to 63.149***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 63, Subpart DD***	***63.680(d)***	***Does not receive off-site waste.***
	18	***OC1UOST36***	***OP-REQ2***	***40 CFR Part 63, Subpart OO***	***63.900***	***No applicable subparts with 60, 61 or 63 reference this subpart***
	19	***OC2U2GE122***	***OP-UA2***	***40 CFR Part 60, Subpart IIII***	***60.4200(a)(2)***	***Engine was not constructed after 7/11/05***
		OC2UOST24	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 60, Subpart K*	*60.110(a)*	*Constructed after 5/19/78*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 60, Subpart Ka*	*60.110a(a)*	*Constructed after 7/23/84*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 60, Subpart Kb*	*60.110b(a)*	*Storage vessel with capacity <19,800 gallons*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 61, Subpart Y*	*61.270(a)*	*Does not store benzene*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 61, Subpart FF*	*61.340(b)*	*Does not contain or store benzene waste.*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 63, Subpart DD*	*63.680(d)*	*Does not receive off-site waste.*
	18	*OC2UOST24*	*OP-REQ2*	*40 CFR Part 63, Subpart OO*	*63.900*	*No applicable subparts with 60, 61 or 63 reference this subpart*
	19	*OC4U4GE000*	*OP-UA2*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*
	19	*OC4U4GE502*	*OP-UA2*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*
	19	*OC4U4GE505*	*OP-UA2*	*40 CFR Part 60, Subpart IIII*	*60.4200(a)(2)*	*Engine was not constructed after 7/11/05*

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
		OC4UOST10	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 60, Subpart K***	***60.110(a)***	***Constructed after 5/19/78***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 60, Subpart Ka***	***60.110a(a)***	***Constructed after 7/23/84***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 60, Subpart Kb***	***60.110b(a)***	***Storage vessel with capacity <19,800 gallons***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 61, Subpart Y***	***61.270(a)***	***Does not store benzene***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 61, Subpart FF***	***61.340(b)***	***Does not contain or store benzene waste.***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 63, Subpart G***	***63.110(a)***	***Does not handle an affected liquid stream subject to 63.149***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 63, Subpart DD***	***63.680(d)***	***Does not receive off-site waste.***
	18	***OC4UOST10***	***OP-REQ2***	***40 CFR Part 63, Subpart OO***	***63.900***	***No applicable subparts with 60, 61 or 63 reference this subpart***
		OC4UOST17	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
	18	***OC4UOST17***	***OP-REQ2***	***40 CFR Part 60, Subpart K***	***60.110(a)***	***Constructed after 5/19/78***
	18	***OC4UOST17***	***OP-REQ2***	***40 CFR Part 60, Subpart Ka***	***60.110a(a)***	***Constructed after 7/23/84***

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	18	*OC4UOST17*	*OP-REQ2*	*40 CFR Part 60, Subpart Kb*	*60.110b(a)*	*Storage vessel with capacity <19,800 gallons*
	18	*OC4UOST17*	*OP-REQ2*	*40 CFR Part 61, Subpart Y*	*61.270(a)*	*Does not store benzene*
	18	*OC4UOST17*	*OP-REQ2*	*40 CFR Part 61, Subpart FF*	*61.340(b)*	*Does not contain or store benzene waste.*
	18	*OC4UOST17*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	18	*OC4UOST17*	*OP-REQ2*	*40 CFR Part 63, Subpart DD*	*63.680(d)*	*Does not receive off-site waste.*
	18	*OC4UOST17*	*OP-REQ2*	*40 CFR Part 63, Subpart OO*	*63.900*	*No applicable subparts with 60, 61 or 63 reference this subpart*
		OC4UOST30	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 60, Subpart K*	*60.110(a)*	*Constructed after 5/19/78*
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 60, Subpart Ka*	*60.110a(a)*	*Constructed after 7/23/84*
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 60, Subpart Kb*	*60.110b(a)*	*Storage vessel with capacity <19,800 gallons*
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 61, Subpart Y*	*61.270(a)*	*Does not store benzene*
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 61, Subpart FF*	*61.340(b)*	*Does not contain or store benzene waste.*

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 63, Subpart DD*	*63.680(d)*	*Does not receive off-site waste.*
	18	*OC4UOST30*	*OP-REQ2*	*40 CFR Part 63, Subpart OO*	*63.900*	*No applicable subparts with 60, 61 or 63 reference this subpart*
	4	*OC6UOST004*	*OP-REQ2*	*30 TAC Chapter 115, Storage of VOCs*	*115.117(a)(8)*	*Storage capacity is less than or equal to 1000 gallons.*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 60, Subpart K*	*60.110(a)*	*Constructed after 5/19/78* *Does not store petroleum liquids*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 60, Subpart Ka*	*60.110a(a)*	*Constructed after 7/23/84* *Does not store petroleum liquids*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 60, Subpart Kb*	*60.110b(a)*	*Storage vessel with capacity <19,800 gallons* *Constructed before 7/23/84*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 61, Subpart Y*	*61.270(a)*	*Does not store benzene*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 61, Subpart FF*	*61.340(b)*	*Does not contain or store benzene waste.*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	4	*OC6UOST004*	*OP-REQ2*	*40 CFR Part 63, Subpart CC*	*63.640(a)*	*Not a petroleum refining process unit*

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	4	***OC6UOST004***	***OP-REQ2***	***40 CFR Part 63, Subpart G***	***63.100(b)***	***Not a part of a chemical manufacturing process unit***
	4	***OC6UOST004***	***OP-REQ2***	***40 CFR Part 63, Subpart HH***	***63.760(a)***	***Not located at an oil or natural gas production facility***
	4	***OC6UOST004***	***OP-REQ2***	***40 CFR Part 63, Subpart OO***	***63.900***	***No applicable subparts with 60, 61 or 63 reference this subpart***
	4	***OC6UOST004***	***OP-REQ2***	***40 CFR Part 63, Subpart R***	***63.420(a)***	***Not a bulk gasoline terminal***
	4	***OC6UOST004***	***OP-REQ2***	***40 CFR Part 63, Subpart DD***	***63.680(d)***	***Does not receive off-site waste.***
	4	***OC6UOST004***	***OP-REQ2***	***40 CFR Part 63, Subpart OO***	***63.900***	***No applicable subparts with 60, 61 or 63 reference this subpart***
		OC6UOST15	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	115.117(a)(8)	Storage capacity is less than or equal to 1000 gallons.
	18	***OC6UOST15***	***OP-REQ2***	***40 CFR Part 60, Subpart K***	***60.110(a)***	***Constructed after 5/19/78***
	18	***OC6UOST15***	***OP-REQ2***	***40 CFR Part 60, Subpart Ka***	***60.110a(a)***	***Constructed after 7/23/84***
	18	***OC6UOST15***	***OP-REQ2***	***40 CFR Part 60, Subpart Kb***	***60.110b(a)***	***Storage vessel with capacity <19,800 gallons***
	18	***OC6UOST15***	***OP-REQ2***	***40 CFR Part 61, Subpart Y***	***61.270(a)***	***Does not store benzene***
	18	***OC6UOST15***	***OP-REQ2***	***40 CFR Part 61, Subpart FF***	***61.340(b)***	***Does not contain or store benzene waste.***

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

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
	18	*OC6UOST15*	*OP-REQ2*	*40 CFR Part 63, Subpart G*	*63.110(a)*	*Does not handle an affected liquid stream subject to 63.149*
	18	*OC6UOST15*	*OP-REQ2*	*40 CFR Part 63, Subpart DD*	*63.680(d)*	*Does not receive off-site waste.*
	18	*OC6UOST15*	*OP-REQ2*	*40 CFR Part 63, Subpart OO*	*63.900*	*No applicable subparts with 60, 61 or 63 reference this subpart*

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	A16ELLR1	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), 115.142(1)(A)-(C), (1)(E)-(G), [G]115.142(1)(H), [G]115.148
	A16ELST27	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), 115.142(1)(A)-(C), (1)(E)-(G), [G]115.142(1)(H), [G]115.148
	A16ST100	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
17	***A25UACE08***	***OP-UA2***	***R7ICI-01***	***NOx***	***30 TAC Chapter 117, Subchapter B***	***117.303(a)(6)(D), [G]117.310(f)***
17	***A25UACE08***	***OP-UA2***	***63ZZZZ-01***	***HAPS***	***40 CFR Part 63, Subpart ZZZZ***	***63.6590(c)***
	A25UAGE00A	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	A25UAGE00A	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D)
	A25UAGE00A	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.6 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(j) 63.6640(f)(1) 63.6640(f)(2)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6640(f)(2)(i) 63.6640(f)(3)
	A25UAGE00B	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	A25UAGE00B	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A25UAGE00B	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A25UAGE03G	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A25UAGE03H	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A25UAGE03I	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A25UAGE07C	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	A25UAGE07C	OP-UA2	60IIII-01	NOx	40 CFR Part 60, Subpart IIII	60.4205(a)-Table 1, 60.4206, 60.4207(b), 60.4211(b), 60.4211(b)(1), [G] 60.4211(f), 60.4218
	A25UAGE07C	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	A25UAGE508	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	A25UAGE508	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A25UAST250	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	A25UAST25B	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	A25UAST500	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	A27ARST200	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A27ARST202	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A27ARST204	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A27ELLR1	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A3ENVLF1	OP-UA44	61M-01	HAPS	40 CFR Part 61, Subpart M	[G]61.154(b)-(c), (e)(3), (g)
	A42D101	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A42D102	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A42ELLR1	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G) [G]115.142(1)(H), [G]115.148
	A42ELWT1	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E), (G)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]115.142(1)(H), [G]115.148
	A5UAGE500A	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	A5UAGE500A	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A5UAGE500A	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A5UAGE500E	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A5UAGE500E	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A70UAGE00B	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A70UAGE00B	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A70UAGE00C	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A70UAGE00C	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A70UAST70A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	A91UAGE01D	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	A91UAGE01D	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A91UAGE01D	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A91UAGE01F	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	A91UAGE01F	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	A91UAST91A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	A91UAST91B	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B12UBGE00A	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B12UBGE00A	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B12UBGE00C	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B12UBGE00C	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B14UBGE400	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B14UBGE400	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B18UBGE800	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B18UBGE800	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B18UBST18B	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B20UBGE000	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B20UBGE000	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6640(f)(3)
	B33EISC329	OP-UA16	R5412-01	VOC	30 TAC Chapter 115, Degreasing Processes	115.412(1) 115.411(1) 115.411(2) [G] 115.412(1)(A) 115.412(1)(C) 115.412(1)(D) [G] 115.412(1)(F)
	B33EISC329	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Industrial Cleaning Solvents	§115.461(b)
	B33INCT100	OP-UA13	R5760-01	VOC	30 TAC Chapter 115, HRVOC Cooling Towers	115.767(2)
	B33INFU1	OP-UA12	R5780-ALL	HRVOC	30 TAC CHAPTER 115, HRVOC Fugitive Emissions	N/A
	B33INFU1	OP-UA12	61J-ALL	BENZENE	40 CFR Part 61, Subpart J	N/A
	B33INFU1	OP-UA12	61V-ALL	VHAP	40 CFR Part 61, Subpart V	N/A
	B33INFU2	OP-UA12	R5780-ALL	HRVOC	30 TAC CHAPTER 115, HRVOC Fugitive Emissions	N/A
	B33INFU2	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	N/A

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B33INFU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	N/A
	B33INGEAUX	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	B33INGEAUX	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B33INS1	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(1), 115.122(a)(1), (a)(1)(A)
	B33INS1	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.310(a), [G](a)(16), (b), (d)(3), [G](e)(1) 117.310(e)(2), [G](e)(3), (e)(4), 117.340(f)(1) 117.340(l)(2), (p)(1), (p)(3)
	B33INS1	OP-UA2	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), (c)(1)(A), 117.340(f)(1)
	B33INS1	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), (c)(1), (c)(1)(ii), (h)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]63.115(f), 63.116(b)
	B33INS1	OP-UA35	63EEE-01	Dioxins, Furans	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(1)(i)(B) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(l)(2) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(k) § 63.1209(k)(1)(i) § 63.1209(k)(2)(i) § 63.1209(k)(2)(ii) [G]§ 63.1209(k)(3) [G]§ 63.1209(k)(4)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§ 63.1209(k)(5) [G]§ 63.1209(k)(6) [G]§ 63.1209(k)(7) [G]§ 63.1209(k)(8) [G]§ 63.1209(k)(9) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)
	B33INS1	OP-UA35	63EEE-01	Hg	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(2) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii [G]§ 63.1206(c)(6)(v [G]§ 63.1206(c)(6)(vi [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) [G]§ 63.1209(l)(1)(v) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)
	B33INS1	OP-UA35	63EEE-01	Combined Metals	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(3) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n) § 63.1209(n)(1) [G]§ 63.1209(n)(2)(vii) [G]§ 63.1209(n)(5) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)
	B33INS1	OP-UA35	63EEE-01	Ar, Be and Cr	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(4) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n) § 63.1209(n)(1) [G]§ 63.1209(n)(2)(vii) [G]§ 63.1209(n)(5) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)
	B33INS1	OP-UA35	63EEE-01	CO	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(5)(i) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)
	B33INS1	OP-UA35	63EEE-01	Total Chlorine	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(6) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§ 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n)(4) § 63.1209(o) § 63.1209(o)(1)(i) [G]§ 63.1209(o)(2) [G]§ 63.1209(o)(3) § 63.1209(o)(4) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B33INS1	OP-UA35	63EEE-01	PM	40 CFR Part 63, Subpart EEE	§ 63.1219(a)(7) [G]§ 63.1206(b)(5) § 63.1206(b)(8)(v) § 63.1206(b)(8)(vi) § 63.1206(b)(8)(vii) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(m) [G]§ 63.1209(m)(1)(i) [G]§ 63.1209(m)(1)(iv) [G]§ 63.1209(m)(2) § 63.1209(m)(3) § 63.1209(n)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§ 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(d)
	B33INS1	OP-UA35	63EEE-01	POHC	40 CFR Part 63, Subpart EEE	§ 63.1219(c)(1) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iii) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) [G]§ 63.1209(j) § 63.1209(p)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1219(c)(3)(i) § 63.1219(c)(3)(ii)
	B33INST410	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i) § 115.112(e)(3)(A)(ii)
	B33INST410	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	[G]60.112b(a)(3)
	B33INST410	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(A) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B33INST410	OP-UA3	63DD-01	112(B) HAPS	40 CFR Part 63, Subpart DD	§ 63.680(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DD
	B33INST410		63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE
	B33INST420	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(A), (e)(3)(A)(i)
	B33INST420	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	[G]60.112b(a)(3)
	B33INST420	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A), (a)(1)(i)(B), (c)-(d), 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B), 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B33INST420	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (c)(2), (c)(2)(ii)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.693(f)(1)(ii), (f)(1)(ii)(A), [G]63.695(b)(4) 63.695(c)(1)(iii), [G](c)(3)
	B33INST420		63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE
	B33INST430	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(A), (e)(3)(A)(i)
	B33INST430	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	[G]60.112b(a)(3)
	B33INST430	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A), (a)(1)(i)(B), (c)-(d), 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B), 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B33INST430	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (c)(2), (c)(2)(ii) 63.693(f)(1)(ii), (f)(1)(ii)(A), [G]63.695(b)(4) 63.695(c)(1)(iii), [G](c)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B33INST430		63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE
	B33INST440	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(A), (e)(3)(A)(i)
	B33INST440	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	[G]60.112b(a)(3)
	B33INST440	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A), (a)(1)(i)(B), (c)-(d), 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B), 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B33INST440	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (c)(2), (c)(2)(ii) 63.693(f)(1)(ii), (f)(1)(ii)(A), [G]63.695(b)(4) 63.695(c)(1)(iii), [G](c)(3)
	B33INST440		63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b) The permit holder shall comply with the applicable limitation,

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE
	B33INST450	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(A), (e)(3)(A)(i)
	B33INST450	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	[G]60.112b(a)(3)
	B33INST450	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A), (a)(1)(i)(B), (c)-(d), 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B), 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B33INST450	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (c)(2), (c)(2)(ii) 63.693(f)(1)(ii), (f)(1)(ii)(A), [G]63.695(b)(4) 63.695(c)(1)(iii), [G](c)(3)
	B33INST450		63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B33INST460	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(A), (e)(3)(A)(i)
	B33INST460	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	[G]60.112b(a)(3)
	B33INST460	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A), (a)(1)(i)(B), (c)-(d), 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B), 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B33INST460	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (c)(2), (c)(2)(ii) 63.693(f)(1)(ii), (f)(1)(ii)(A), [G]63.695(b)(4) 63.695(c)(1)(iii), [G](c)(3)
	B33INST460		63EEEE-01	112(B) HAPS	40 CFR Part 63, Subpart EEEE	63.2338(b) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart EEEE
	B33INTR1	OP-UA55	63DD-01	112(B) HAPS	40 CFR Part 63, Subpart DD	63.680(a) The permit holder shall comply with the applicable limitation, standard and/or

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						equipment specification requirements of 40 CFR Part 63, Subpart DD
	B33UL410	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B33UL420	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B33UL430	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B33UL440	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§115.212(a)(3)(A)(ii)
	B33UL450	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B33UL460	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B33US500	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)
	B33US501	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)
	B33US502	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B33US503	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)
	B33US504	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)
	B33US510	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)
	B33US511	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2)-(3), (a)(3)(A), (a)(3)(A)(ii), 115.212(a)(3)(B), [G](a)(3)(C), (a)(3)(D), 115.214(a)(1)(B)-(C)
	B34VMFU02		R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	
	B34VMFU02	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	N/A
	B34VMFU02	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	N/A
	B34VMTO210	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(1), 115.122(a)(1), (a)(1)(A)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B34VMTO210	OP-UA35	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.310(a), [G](a)(16), (b), (d)(3) [G](e)(1), 117.310(e)(2), [G](e)(3), (e)(4), 117.340(l)(2) 117.340(p)(1), (p)(2)(C), (p)(3)
	B34VMTO210	OP-UA35	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), (c)(1)(B)
	B34VMTO210	OP-UA6	60Dc-01	SO_2	40 CFR Part 60, Subpart Dc	60.40c(a)
	B34VMTO210	OP-UA6	60Dc-01	PM	40 CFR Part 60, Subpart Dc	60.40c(a)
	B34VMTO210	OP-UA6	60Dc-01	PM (OPACITY)	40 CFR Part 60, Subpart Dc	60.40c(a)
	B34VMTO210	OP-UA1	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	N/A
	B34VMTO210	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), (b), (c)(1), (c)(1)(i), (h) [G]63.115(f), 63.116(b)
	B34VMTO210		63NNNNN-01	112 HAPS	40 CFR Part 63, Subpart NNNNN	§ 63.9000(a)-Table 1.1 § 63.9000(a) § 63.9000(b) § 63.9000(b)-Table 2.1 § 63.9005(a) § 63.9005(b) § 63.9005(c)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§ 63.9005(d) § 63.9030(a) § 63.9030(b) § 63.9040(a) § 63.9040(b) § 63.9040(c) § 63.9040(e)
	B35EWFU2	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	N/A
	B35EWFU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	N/A
	B35EWPT910	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
8	~~B35EWPT910~~	~~OP-UA14~~	~~R5132-02~~	~~VOC~~	~~30 TAC Chapter 115, Water Separation~~	~~115.131(a), 115.132(a)(3)~~
	B35EWS200	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(1), 115.122(a)(1), (a)(1)(A)
	B35EWS200	OP-UA35	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.310(a), [G](a)(16), (b), (d)(3) [G](e)(1), 117.310(e)(2), [G](e)(3), (e)(4), 117.340(l)(2) 117.340(p)(1), (p)(2)(C), (p)(3)
	B35EWS200	OP-UA35	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), (c)(1)(B)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B35EWS200	OP-UA6	60Dc-01	SO_2	40 CFR Part 60, Subpart Dc	60.40c(a)
	B35EWS200	OP-UA6	60Dc-01	PM	40 CFR Part 60, Subpart Dc	60.40c(a)
	B35EWS200	OP-UA6	60Dc-01	PM (OPACITY)	40 CFR Part 60, Subpart Dc	60.40c(a)
	B35EWS200	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), (b), (c)(1), (c)(1)(i), (h) [G]63.115(f), 63.116(b)
	B35EWS201	OP-UA35	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.310(a), [G](a)(16), (b), (d)(3) [G](e)(1), 117.310(e)(2), [G](e)(3), (e)(4), 117.340(l)(2) 117.340(p)(1), (p)(2)(C), (p)(3)
	B35EWS201	OP-UA35	R7ICI-01	CO	30 TAC Chapter 117, Subchapter B	117.310(c)(1), (c)(1)(B)
6	~~B35EWSP930~~	~~OP-UA14~~	~~R5132-01~~	~~VOC~~	~~30 TAC Chapter 115, Water Separation~~	~~115.131(a), 115.132(a)(3)~~
	B35EWSP940	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
	B35EWSP970	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
	B35EWST33	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B35EWST33	OP-UA14	R5132-02	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
	B35EWTLRCL	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(3)(B), (a)(3)(E) 115.213(b), (b)(1), (b)(4), [G](b)(6) 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(ii)
	B35RSSP935	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
	B35RSSP945	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
	B35RSSP955	OP-UA14	R5132-01	VOC	30 TAC Chapter 115, Water Separation	115.131(a), 115.132(a)(3)
	B35RSSP965	***OP-UA14***	***R5132-01***	***VOC***	***30 TAC Chapter 115, Water Separation***	***115.131(a), 115.132(a)(3)***
	B36UBGE10C	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B36UBGE10C	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B36UBGE10E	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B36UBGE10E	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B36UBST36A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B36UBST36B	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B3UBGE307A	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B3UBGE307A	OP-UA2	63ZZZZ-01	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B3UBGE309	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B3UBGE309E	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B3UBST309A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B47ELLR1	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E)-(G) [G]115.142(1)(H), [G]115.148
	B47ENVST1	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E)-(G) [G]115.142(1)(H), [G]115.148
	B47ENVST2	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Industrial Wastewater	115.142, (1), (1)(A)-(C), (1)(E)-(G) [G]115.142(1)(H), [G]115.148
	B50SC5008	OP-UA16	R5412-01	VOC	30 TAC Chapter 115, Degreasers	§115.412(1), [G]§115.412(1)(A), (1)(C), [G](1)(F), §115.417(1), §115.412(1)(D)
	B50SC5008	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Industrial Cleaning Solvents	§115.461(b)
	B5UBGE516D	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B5UBGE516D	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B5UBGE516E	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	B5UBGE516E	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B64UBGE401	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B71UBGE00D	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B71UBGE00D	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B73UBGE00D	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	B73UBGE00D	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B73UBGE00E	OP-UA15	R1111-01	OPACITY	30 TAC Chapter 111, Visible Emissions	111.111(a)(1)(A), (a)(1)(E)
	B73UBGE00E	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B73UBST73A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B73UBST73B	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	B87UBGE700	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	B87UBGE700	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B8MBFU180	OP-UA12	R5780-ALL	HRVOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	N/A

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B8MBFU2	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	N/A
	B8MBFU2	OP-UA12	63H-ALL	HAPS	40 CFR Part 63, Subpart H	N/A
	B8MBSTV2	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(B)
	B8MBSTV2	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A)-(B), (c)-(d) 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B) 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B8MBSTV2	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (f)(1)(ii) 63.693(f)(1)(ii)(A), [G]63.695(b)(4), (c)(1)(iii) [G]63.695(c)(3)
	B8MBSTV4	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(B)
	B8MBSTV4	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A)-(B), (c)-(d) 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B) 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B8MBSTV4	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (f)(1)(ii) 63.693(f)(1)(ii)(A), [G]63.695(b)(4), (c)(1)(iii) [G]63.695(c)(3)
	B8MBSTV5	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.112(e)(1), (e)(3), (e)(3)(B)
	B8MBSTV5	OP-UA3	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.343(a)(1), (a)(1)(i)(A)-(B), (c)-(d) 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B) 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e)-(g)
	B8MBSTV5	OP-UA3	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.685(g), [G](g)(1)-(2), 63.693(b)(1)-(2) [G]63.693(b)(3), (c)(1)(i), (f)(1)(ii) 63.693(f)(1)(ii)(A), [G]63.695(b)(4), (c)(1)(iii) [G]63.695(c)(3)
	B8MBTO180	OP-UA15	R5121-01	VOC	30 TAC Chapter 115, Vent Gas Controls	115.121(a)(1), 115.122(a)(1), (a)(1)(A)
	B8MBTO180	OP-UA5	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	§117.310(d)(3), §117.310(a), (b), [G](e)(1), (e)(2), [G]§117.310(e)(3), (e)(4), §117.340(l)(2), (p)(1), (p)(3),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§117.310(a)(3)(B)(i)-(ii), §117.340(p)(2)(C)
	B8MBTO180	OP-UA15	63G-01	HAPS	40 CFR Part 63, Subpart G	[G]63.113(a)(2), (b), (c)(1), (c)(1)(ii), (h) [G]63.115(f), 63.116(b)
	B8MBTO180	OP-UA5	63EEE-01	Dioxins, Furans	40 CFR Part 63, Subpart EEE	§63.1218(a)(1), §63.1218(a)(5)(ii), [G]§63.1206(c)(6)(iv), [G]§63.1207(l)(2), §63.1209(k), (k)(1)(i), (k)(2)(i)-(ii), [G]§63.1209(k)(3)-(4), (k)(5), [G](k)(6)-(9), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)
	B8MBTO180	OP-UA5	63EEE-01	Hg	40 CFR Part 63, Subpart EEE	§63.1218(a)(2), [G]§63.1206(c)(6)(iv), [G]§63.1207(m)(1)-(2), (m)(3), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§63.1211(c)(1)-(2), (c)(4)
	B8MBTO180	OP-UA5	63EEE-01	Pb, Cd, Se	40 CFR Part 63, Subpart EEE	§63.1218(a)(3), [G]§63.1206(c)(6)(iv), [G]§63.1207(m)(1)-(2), (m)(3), §63.1209(n), (n)(1), [G](n)(5), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)
	B8MBTO180	OP-UA5	63EEE-01	Sb, As, Be, Cr, Co, Mn, Ni	40 CFR Part 63, Subpart EEE	§63.1218(a)(4), [G]§63.1206(c)(6)(iv), [G]§63.1207(m)(1)-(2), (m)(3), §63.1209(n), (n)(1), [G](n)(5), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)
	B8MBTO180	OP-UA5	63EEE-01	CO, THC	40 CFR Part 63, Subpart EEE	§63.1218(a)(5)(i), [G]§63.1206(c)(6)(iv), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						[G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)
	B8MBTO180	OP-UA5	63EEE-01	Total Chlorine	40 CFR Part 63, Subpart EEE	§63.1218(a)(6)(i), [G]§63.1206(c)(6)(iv), [G]§63.1207(m)(1)-(2), (m)(3), §63.1209(n)(4), (o), (o)(1)(i), [G](o)(2)-(3), §63.1209(o)(4), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)
	B8MBTO180	OP-UA5	63EEE-01	PM	40 CFR Part 63, Subpart EEE	§63.1218(a)(7), §63.1206(b)(8)(v)-(vii), [G](c)(6)(iv), §63.1209(m), [G](m)(1)(i), [G](m)(1)(iv), [G]§63.1209(m)(2), (n)(3), §63.1218(d), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	B8MBTO180	OP-UA5	63EEE-01	POHC	40 CFR Part 63, Subpart EEE	§63.1218(c)(1), [G]§63.1206(c)(6)(iv), [G]§63.1209(j), §63.1218(c)(3)(i)-(ii), [G]§63.1206(b)(5), [G](c)(1)-(5), (c)(6)(i)-(ii), [G]§63.1206(c)(6)(v)-(vi), [G](c)(7), §63.1207(g)(1)(iii)(A), [G](k), [G](l)(1), §63.1209(c)(1), [G](c)(2), [G](d), (i), (p), [G](q), §63.1211(c)(1)-(2), (c)(4)
	B8MBTR1	OP-UA55	63DD-01	112(B) HAPS	40 CFR Part 63, Subpart DD	63.680(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DD
	B8MBULRC1	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B8MBULV2	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						§115.212(a)(3)(A)(ii)
	B8MBULV4	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B8MBULV5	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§115.212(a)(3), §115.212(a)(2), §115.212(a)(3)(B), [G]§115.212(a)(3)(C), (a)(3)(D), §115.214(a)(1)(B), (a)(1)(C), §115.212(a)(3)(A), §115.212(a)(3)(A)(ii)
	B8TOLR824	OP-UA4	R5211-01	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	115.212(a)(2), (a)(3)(B), (a)(3)(D)-(E) 115.213(b), (b)(1), (b)(4), [G](b)(6) 115.214(a)(1)(B), (a)(1)(D), (a)(1)(D)(ii)
	B8UBGE830	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	B8UBGE830	OP-UA1	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
						63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	B8UBST830A	OP-UA3	R5112-01	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
	GRP-IWW	OP-UA19	R5142-01	VOC	30 TAC Chapter 115, Subchapter B Industrial Wastewater	§115.147(2), [G]§115.142(4) [G]§115.148
	GRP1	OP-UA57	R5460-01	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(1), [G](c)
	GRP1	OP-UA57	R5460-02	VOC	30 TAC Chapter 115, Subchapter E, Division 6	115.463(a)(2), [G](c)
	OC1U1GE60C	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
3	***OC1UOGE1***	***OP-UA2***	***R7ICI-01***	***NOx***	***30 TAC Chapter 117, Subchapter B***	***117.303(a)(6)(D), [G]117.310(f)***
3	***OC1UOGE1***	***OP-UA2***	***63ZZZZ-01***	***HAPS***	***40 CFR Part 63, Subpart ZZZZ***	***63.6590(c)***
	OC2U2GE122	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	OC2U2GE122	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	OC4U4GE000	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	OC4U4GE000	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	OC4U4GE502	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	OC4U4GE502	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	OC4U4GE505	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	117.303(a)(6)(D), [G]117.310(f)
	OC4U4GE505	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6602-Table2c.1 63.6595(a)(1) 63.6605(a) 63.6605(b) 63.6625(e) 63.6625(h) 63.6625(i) 63.6640(f)(1) 63.6640(f)(2) 63.6640(f)(2)(i) 63.6640(f)(3)
	OC6U6GE02A	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	OC6U6GE02A	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	OC6U6GE02B	OP-UA2	R7ICI-01	NO_X	30 TAC Chapter 117, Subchapter B	[G]117.303(a)(11), [G]117.310(f)
	OC6U6GE02B	OP-UA2	63ZZZZ-1	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
3	***OC6UOGE004***	***OP-UA2***	***R7ICI-01***	***NOx***	***30 TAC Chapter 117, Subchapter B***	***117.303(a)(6)(D), [G]117.310(f)***
3	***OC6UOGE004***	***OP-UA2***	***63ZZZZ-01***	***HAPS***	***40 CFR Part 63, Subpart ZZZZ***	***63.6590(c)***
	PROIN33	OP-UA58	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.348(a)(1), (a)(1)(iii), (a)(4), [G](d) 61.349(a), (a)(1)(i)-(ii), (a)(1)(ii)(B) 61.349(a)(1)(iii)-(iv), (a)(2)(i)(A), (b), (e) 61.349(f), (g)
	PROIN33	OP-UA58	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.684(b)(5)(i)
	PROIN33	OP-UA58	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2485(a), [G]63.132(f), 63.138(h), (h)(1), (h)(2)(i)-(ii), 63.138(h)(3), [G](k), 63.140(a)-(c), 63.144(a), 63.2485(b)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

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)
	PROIN33	OP-UA58	R5-63G-01	HAPS	40 CFR Part 63, Subpart G	63.138(h), [G]63.132(f), 63.138(h)(1), 63.138(h)(2)(i)-(ii), (h)(3), [G](k), 63.140(a)-(c), 63.144(a)
	PROMB824	OP-UA58	61FF-01	BENZENE	40 CFR Part 61, Subpart FF	61.348(a)(1), (a)(1)(iii), (a)(4), (f) 61.349(a), (a)(1)(i), (a)(1)(iii)-(iv) 61.349(a)(2)(i)(A), (b), (e)-(g)
	PROMB824	OP-UA58	63DD-01	HAPS	40 CFR Part 63, Subpart DD	63.684(b)(5)(iii)
	PROMB824	OP-UA58	63FFFF-01	HAPS	40 CFR Part 63, Subpart FFFF	63.2485(a), [G]63.132(f), 63.138(h), (h)(1), (h)(2)(i)-(ii), 63.138(h)(3), [G](k), 63.140(a)-(c), 63.144(a), 63.2485(b)
	PROMB824	OP-UA58	R5-63G-01	HAPS	40 CFR Part 63, Subpart G	63.138(h), [G]63.132(f), 63.138(h)(1), 63.138(h)(2)(i)-(ii), (h)(3), [G](k), 63.140(a)-(c), 63.144(a)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	A16ELLR1	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(G), (5), 115.145, (1) 115.145(10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(G) 115.146(1)-(4)	NONE
	A16ELST27	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(G), (5), 115.145, (1) 115.145(10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(G) 115.146(1)-(4)	NONE
	A16ST100	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)	NONE
17	***A25UACE08***	***R7ICI-01***	***NO_X***	***NONE***	***117.340(j), [G]117.345(f)(6), [G](f)(10)***	***NONE***
17	***A25UACE08***	***63ZZZZ-1***	***HAPS***	***NONE***	***NONE***	***NONE***
	A25UAGE00A	R1111-01	OPACITY	[G]111.111(a)(1)(F) **See Periodic Monitoring Summary	NONE	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	A25UAGE00A	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6)	NONE
	A25UAGE00A	63ZZZZ-1	HAPS	63.6625(f) 63.6625(j) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(j) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A25UAGE00B	R1111-01	OPACITY	[G]111.111(a)(1)(F) **See Periodic Monitoring Summary	NONE	NONE
	A25UAGE00B	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A25UAGE00B	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A25UAGE03G	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	A25UAGE03H	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A25UAGE03I	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A25UAGE07C	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A25UAGE07C	61IIII-01	NOx	NONE	NONE	[G] 60.4214(d)
	A25UAGE07C	63ZZZZ-1	HAPS	NONE	NONE	NONE
	A25UAGE508	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A25UAGE508	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A25UAST250	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	A25UAST25B	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	A25UAST500	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	A27ARST200	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	A27ARST202	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	A27ARST204	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	A27ELLR1	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3)	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				115.145(4)-(7), (9), [G]115.148		
	A3ENVLF1	61M-01	HAPS	NONE	[G]61.154(e)(1), (e)(4), (f), (i)	[G]61.153(a)(5), (b) 61.154(e)(2), (h)-(i) [G]61.154(j)
	A42D101	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	A42D102	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	A42ELLR1	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	A42ELWT1	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5)	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148		
	A5UAGE500A	R1111-01	OPACITY	[G]111.111(a)(1)(F) **See Periodic Monitoring Summary	NONE	NONE
	A5UAGE500A	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A5UAGE500A	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A5UAGE500E	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A5UAGE500E	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	A70UAGE00B	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A70UAGE00B	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A70UAGE00C	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A70UAGE00C	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A70UAST70A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	A91UAGE01D	R1111-01	OPACITY	[G]111.111(a)(1)(F) ** See Periodic Monitoring Summary	NONE	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	A91UAGE01D	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A91UAGE01D	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A91UAGE01F	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	A91UAGE01F	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	A91UAST91A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	A91UAST91B	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B12UBGE00A	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B12UBGE00A	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B12UBGE00C	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B12UBGE00C	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B14UBGE400	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B14UBGE400	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a)	63.6625(i) 63.6655(d) 63.6655(e)	63.6640(e) 63.6650(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	
	B18UBGE800	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B18UBGE800	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B18UBST18B	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B20UBGE000	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B20UBGE000	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B33EISC329	R5412-01	VOC	[G]115.415(1), (3) ** See Periodic Monitoring Summary	NONE	NONE
	B33EISC329	R5460-01	VOC	NONE	115.468(b)(2) 115.468(b)(3) 115.468(b)(5)	NONE
	B33INCT100	R5760-01	VOC	NONE	115.766(b), (b)(2), (c)	NONE
	B33INFU1	R5780-ALL	HRVOC	N/A	N/A	N/A
	B33INFU1	61J-ALL	BENZENE	N/A	N/A	N/A
	B33INFU1	61V-ALL	VHAP	N/A	N/A	N/A
	B33INFU2	R5780-ALL	HRVOC	N/A	N/A	N/A
	B33INFU2	R5352-ALL	VOC	N/A	N/A	N/A
	B33INFU2	63H-ALL	HAPS	N/A	N/A	N/A
	B33INGEAUX	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B33INGEAUX	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i)	63.6625(i) 63.6655(d)	63.6640(e) 63.6650(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	
	B33INS1	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
	B33INS1	R7ICI-01	NO_X	[G] 117.335(a)(1) 117.335(a)(4) 117.335(b) 117.335(c) 117.335(d) 117.335(f) 117.335(f)(2) 117.335(g) 117.340(a)(2)(A) 117.340(c)(1) [G] 117.340(c)(3) [G] 117.340(f)(2) 117.340(l)(2) 117.340(o)(1) 117.340(p)(1) 117.8100(a) 117.8100(a)(1) 117.8100(a)(1)(A) 117.8100(a)(1)(B) 117.8100(a)(1)(B)(i)	117.345(a) 117.345(f) [G] 117.345(f)(2) 117.345(f)(8) 117.345(f)(9) 117.8100(a)(5)(C)	117.335(b) 117.335(g) [G] 117.345(b) [G] 117.345(c) 117.345(d) 117.345(d)(3) 117.8010 [G] 117.8010(1) 117.8010(2) 117.8010(2)(A) 117.8010(2)(B) 117.8010(2)(C) 117.8010(2)(D) [G] 117.8010(3) 117.8010(4) [G] 117.8010(5) 117.8010(6) [G] 117.8010(7) [G] 117.8010(8) 117.8100(c)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				117.8100(a)(1)(B)(ii) 117.8100(a)(1)(C) 117.8100(a)(2) [G] 117.8100(a)(3) 117.8100(a)(4) 117.8100(a)(5) 117.8100(a)(5)(A) 117.8100(a)(5)(B) [G] 117.8100(a)(5)(D) [G] 117.8100(a)(5)(E) 117.8100(a)(6)		
	B33INS1	R7ICI-01	CO	[G] 117.335(a)(1) 117.335(a)(4) 117.335(b) 117.335(c) 117.335(d) 117.335(f) 117.335(f)(3) 117.335(g) 117.340(a)(2)(A) [G] 117.340(f)(2) 117.8100(a) 117.8100(a)(1) 117.8100(a)(1)(A) 117.8100(a)(1)(B) 117.8100(a)(1)(B)(ii) 117.8100(a)(1)(B)(iii) 117.8100(a)(1)(C)	117.345(a) 117.345(f) [G] 117.345(f)(2) 117.345(f)(8) 117.345(f)(9) 117.8100(a)(5)(C)	117.335(b) 117.335(g) [G] 117.345(b) [G] 117.345(c) 117.345(d) 117.345(d)(2) 117.345(d)(3) 117.345(d)(4) 117.345(d)(5) 117.8010 [G] 117.8010(1) 117.8010(2) 117.8010(2)(A) 117.8010(2)(B) [G] 117.8010(3) 117.8010(4) [G] 117.8010(5)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				117.8100(a)(2) [G] 117.8100(a)(3) 117.8100(a)(4) 117.8100(a)(5) 117.8100(a)(5)(A) 117.8100(a)(5)(B) [G] 117.8100(a)(5)(D) [G] 117.8100(a)(5)(E) 117.8100(a)(6)		117.8010(6) [G] 117.8010(7) [G] 117.8010(8) 117.8100(c)
	B33INS1	63G-01	HAPS	[G]63.114(a)(4), (d)(2) [G]63.115(f), [G]63.116(d)	[G]63.114(a)(4), [G]63.117(a)(6) 63.118(a)(4), [G]63.152(a)	[G]63.117(a)(6), 63.118(f)(4), [G]63.151(b) 63.151(e), [G](e)(1) 63.151(e)(2)-(3), [G](j) [G]63.152(a), (b) [G]63.152(b)(1), (c)(1) 63.152(c)(4)(ii), [G](c)(6)
	B33INS1	63EEE-01	Dioxins, Furans	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) [G]§ 63.1207(b)(2) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(A) § 63.1207(g)(1)(i)(B) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(ii) § 63.1207(g)(2)(v) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1208(b)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4)	§ 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) § 63.1209(k)(2)(i) [G]§ 63.1209(k)(3) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xix) § 63.1207(f)(1)(xv) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) [G]§ 63.1207(f)(1)(xx) [G]§ 63.1207(f)(1)(xxi) § 63.1207(f)(1)(xxii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(2) § 63.1207(j)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(k)(2)(i) [G]§ 63.1209(k)(3) [G]§ 63.1209(k)(8) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INS1	63EEE-01	Hg	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) [G]§ 63.1207(f)(1)(x) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(B) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(2) § 63.1208(b)(7) § 63.1208(b)(8)	[G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) [G]§ 63.1207(f)(1)(x) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(B) [G]§ 63.1209(l)(1)(v) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INS1	63EEE-01	Combined Metals	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) [G]§ 63.1207(f)(1)(x) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(B) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1)	[G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) [G]§ 63.1207(f)(1)(x) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[G]§ 63.1207(m)(2) § 63.1208(b)(3) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(n)(2)(vii) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(A) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						§ 63.1212(a)
	B33INS1	63EEE-01	Ar, Be and Cr	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) [G]§ 63.1207(f)(1)(x) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(B)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) [G]§ 63.1207(f)(1)(x) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(4) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(n)(2)(vii) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(A) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						[G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INS1	63EEE-01	CO	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(6) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(i)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(i) § 63.1207(g)(2)(v) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(1)(i) § 63.1209(a)(2) [G]§ 63.1209(a)(3) [G]§ 63.1209(a)(6) § 63.1209(a)(7) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q)		§ 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1209(r)		§ 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INS1	63EEE-01	Total Chlorine	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxv)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(g)(1)(ii) § 63.1207(g)(2)(iii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) [G]§ 63.1208(b)(5)(i) § 63.1208(b)(5)(ii) [G]§ 63.1208(b)(5)(ii)(B) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(iii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						§ 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INS1	63EEE-01	PM	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(8)(iii) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(8)(iii) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(C) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(iv) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(6) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(1)(iii) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(m) [G]§ 63.1209(m)(1)(i)		§ 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxiii) [G]§ 63.1207(f)(1)(xxiv) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(iv) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[G]§ 63.1209(m)(1)(iv) [G]§ 63.1209(m)(2) § 63.1209(m)(3) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INS1	63EEE-01	POHC	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) § 63.1206(b)(7)(iii) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(3) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) § 63.1207(f)(1)(ii)(D) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) § 63.1207(f)(1)(ii)(D) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(j) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)	[G]§ 63.1211(d)	§ 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xix) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						§ 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
	B33INST410	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
	B33INST410	60Kb-01	VOC	[G]60.113b(c)(1), (c)(2), 60.116b(a)-(b), (e), (e)(1), [G]60.116b(e)(3), [G]60.485(b) ** See Periodic Monitoring Summary	60.115b, [G](c), 60.116b(a)-(b)	[G]60.113b(c)(1), 60.115b
	B33INST410	61FF-01	BENZENE	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) § 61.355(i)(1)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2)(i)(A) [G]§ 61.356(f)(3)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	
	B33INST410	63DD-01	HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DD
	B33INST410	63EEEE-01	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
	B33INST420	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
	B33INST420	60Kb-01	VOC	[G]60.113b(c)(1), (c)(2), 60.116b(a)-(b), (e), (e)(1), [G]60.116b(e)(3), [G]60.485(b)	60.115b, [G](c), 60.116b(a)-(b)	[G]60.113b(c)(1), 60.115b

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B33INST420	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d) 61.356(f), (f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(4)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)
	B33INST420	63DD-01	HAPS	63.693(b)(4)(i), (b)(5), (c)(2)(ii) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j), [G](k) [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(ii)(D) 63.695(c)(1)(iv), [G](c)(3), [G](e) [G]63.695(f)	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G](e)-(f) 63.696(b), [G](e), [G](g)-(h)	63.693(b)(4)(i), [G]63.697(b)
	B33INST420	63EEEE-01	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
	B33INST430	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

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B33INST430	60Kb-01	VOC	[G]60.113b(c)(1), (c)(2), 60.116b(a)-(b), (e), (e)(1), [G]60.116b(e)(3), [G]60.485(b)	60.115b, [G](c), 60.116b(a)-(b)	[G]60.113b(c)(1), 60.115b
	B33INST430	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d) 61.356(f), (f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(4)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)
	B33INST430	63DD-01	HAPS	63.693(b)(4)(i), (b)(5), (c)(2)(ii) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j), [G](k) [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(ii)(D) 63.695(c)(1)(iv), [G](c)(3), [G](e) [G]63.695(f)	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G](e)-(f) 63.696(b), [G](e), [G](g)-(h)	63.693(b)(4)(i), [G]63.697(b)
	B33INST430	63EEEE-01	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing	The permit holder shall comply with the applicable recordkeeping	The permit holder shall comply with the applicable reporting requirements of

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				requirements of 40 CFR Part 63, Subpart EEEE	requirements of 40 CFR Part 63, Subpart EEEE	40 CFR Part 63, Subpart EEEE
	B33INST440	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
	B33INST440	60Kb-01	VOC	[G]60.113b(c)(1), (c)(2), 60.116b(a)-(b), (e), (e)(1), [G]60.116b(e)(3), [G]60.485(b)	60.115b, [G](c), 60.116b(a)-(b)	[G]60.113b(c)(1), 60.115b
	B33INST440	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d) 61.356(f), (f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(4)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)
	B33INST440	63DD-01	HAPS	63.693(b)(4)(i), (b)(5), (c)(2)(ii) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j), [G](k) [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(ii)(D) 63.695(c)(1)(iv), [G](c)(3),	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G](e)-(f) 63.696(b), [G](e), [G](g)-(h)	63.693(b)(4)(i), [G]63.697(b)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[G](e) [G]63.695(f)		
	B33INST440	63EEEE-01	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
	B33INST450	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
	B33INST450	60Kb-01	VOC	[G]60.113b(c)(1), (c)(2), 60.116b(a)-(b), (e), (e)(1), [G]60.116b(e)(3), [G]60.485(b)	60.115b, [G](c), 60.116b(a)-(b)	[G]60.113b(c)(1), 60.115b
	B33INST450	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d) 61.356(f), (f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(4)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)
	B33INST450	63DD-01	HAPS	63.693(b)(4)(i), (b)(5), (c)(2)(ii) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j), [G](k) [G]63.695(b)(3)-(4), (c)(1),	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G](e)-(f) 63.696(b), [G](e), [G](g)-	63.693(b)(4)(i), [G]63.697(b)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(ii)(D) 63.695(c)(1)(iv), [G](c)(3), [G](e) [G]63.695(f)	(h)	
	B33INST450	63EEEE-01	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
	B33INST460	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
	B33INST460	60Kb-01	VOC	[G]60.113b(c)(1), (c)(2), 60.116b(a)-(b), (e), (e)(1), [G]60.116b(e)(3), [G]60.485(b)	60.115b, [G](c), 60.116b(a)-(b)	[G]60.113b(c)(1), 60.115b
	B33INST460	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d) 61.356(f), (f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(4)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B33INST460	63DD-01	HAPS	63.693(b)(4)(i), (b)(5), (c)(2)(ii) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j), [G](k) [G]63.695(b)(3)-(4), (c)(1), 63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(ii)(D) 63.695(c)(1)(iv), [G](c)(3), [G](e) [G]63.695(f)	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G](e)-(f) 63.696(b), [G](e), [G](g)-(h)	63.693(b)(4)(i), [G]63.697(b)
	B33INST460	63EEEE-01	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart EEEE	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart EEEE
	B33INTR1	63DD-01	HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DD
	B33UL410	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33UL420	R5211-01	VOC	§115.212(a)(3)(B),	§115.216, §115.216(3)(A),	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	(3)(A)(i), (3)(A)(iii)	
	B33UL430	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33UL440	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33UL450	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33UL460	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33US500	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33US501	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33US502	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B33US503	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33US504	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33US510	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B33US511	R5211-01	VOC	115.212(a)(3)(B), 115.214(a)(1)(A), (a)(1)(A)(i)-(iii)	115.216, (3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B34VMFU02	R5780-ALL	HRVOC	N/A	N/A	N/A
	B34VMFU02	R5352-ALL	VOC	N/A	N/A	N/A
	B34VMFU02	63H-ALL	HAPS	N/A	N/A	N/A
	B34VMTO210	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
	B34VMTO210	R7ICI-01	NO_X	[G]117.335(a)(1), (a)(4), (b) 117.335(d)-(e), (g), 117.340(a) 117.340(l)(2), (o)(1), (p)(1) 117.340(p)(2)(A)-(C)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g) 117.340(p)(2)(D) [G]117.345(b)-(c)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B34VMTO210	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b) 117.335(d)-(e), (g)	117.345(a), (f), (f)(9)	117.335(b), (g) [G]117.345(b)-(c)
	B34VMTO210	60Dc-01	SO_2	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B34VMTO210	60Dc-01	PM	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B34VMTO210	60Dc-01	PM (OPACITY)	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B34VMTO210	61FF-01	BENZENE	N/A	N/A	N/A
	B34VMTO210	63G-01	HAPS	63.114(a) 63.114(a)(3) [G] 63.114(a)(4) 63.114(e) G]§ 63.115(f) G]§ 63.116(d)	63.114(a)(3), [G](a)(4), 63.117(a)(4) 63.117(a)(4)(iii), [G](a)(6), 63.118(a)(1)-(2), (a)(4), [G]63.152(a) [G]63.152(f)	63.114(e) 63.117(a)(4) 63.117(a)(4)(iii) [G] 63.117(a)(6) 63.117(f) 63.118(f)(1) 63.118(f)(2) G] 63.151(b) 63.151(e) [G] 63.151(e)(1) 63.151(e)(2) 63.151(e)(3) [G] 63.151(j) [G] 63.152(a) 63.152(b) [G] 63.152(b)(1) [G] 63.152(b)(2)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G] 63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(4)(ii) [G] 63.152(c)(6)
	B34VMTO210	63NNNNN	112 HAPS	[G]§ 63.9005(d) § 63.9010(b) § 63.9015(a) § 63.9015(b) [G]§ 63.9020(a) § 63.9020(d) [G]§ 63.9020(e) § 63.9020-Table 3 [G]§ 63.9025(a) § 63.9025(b) § 63.9030-Table 4 § 63.9035(a) § 63.9035(d) § 63.9035(e) § 63.9040-Table 5	§ 63.9035(a) [G]§ 63.9035(b) § 63.9035(d) § 63.9035(e) § 63.9055(a) § 63.9055(b)(1) § 63.9055(b)(2) § 63.9055(b)(3) § 63.9055(b)(4) § 63.9055(b)(5) § 63.9060(a) § 63.9060(b) § 63.9060(c) § 63.9060(d)	[G]§ 63.9005(d) § 63.9015(b) § 63.9030(c) § 63.9040(c) § 63.9045(a) § 63.9045(d) § 63.9045(f) [G]§ 63.9045(g) § 63.9050(a) [G]§ 63.9050(b) § 63.9050(c)(1) § 63.9050(c)(2) § 63.9050(c)(3) § 63.9050(c)(4) § 63.9050(c)(5) § 63.9050(c)(6) § 63.9050(c)(7) § 63.9050(c)(8) § 63.9050(c)(9) [G]§ 63.9050(d) § 63.9050(e)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						[G]§ 63.9050(f) § 63.9050-Table 6
	B35EWFU2	R5352-ALL	VOC	N/A	N/A	N/A
	B35EWFU2	63H-ALL	HAPS	N/A	N/A	N/A
	B35EWPT910	R5132-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
8	~~B35EWPT910~~	~~R5132-02~~	~~VOC~~	~~[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)~~	~~115.136(a)(2), (a)(2)(A), (3)-(4)~~	~~NONE~~
	B35EWS200	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
	B35EWS200	R7ICI-01	NO_X	[G]117.335(a)(1), (a)(4), (b) 117.335(d)-(e), (g), 117.340(a) 117.340(l)(2), (o)(1), (p)(1) 117.340(p)(2)(A)-(C)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g) 117.340(p)(2)(D) [G]117.345(b)-(c)
	B35EWS200	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b) 117.335(d)-(e), (g)	117.345(a), (f), (f)(9)	117.335(b), (g) [G]117.345(b)-(c)
	B35EWS200	60Dc-01	SO_2	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B35EWS200	60Dc-01	PM	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)
	B35EWS200	60Dc-01	PM (OPACITY)	NONE	60.48c(g)(1)-(3), (i)	[G]60.48c(a), (j)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B35EWS200	63G-01	HAPS	[G]63.114(a)(4), (d)(2) [G]63.115(f), [G]63.116(d)	[G]63.114(a)(4), 63.117(a)(4), (a)(4)(iii) [G]63.117(a)(6), 63.118(a)(4) [G]63.152(a)	63.117(a)(4), (a)(4)(iii) [G]63.117(a)(6) 63.118(f)(4), [G]63.151(b) 63.151(e), [G](e)(1) 63.151(e)(2)-(3), [G](j) [G]63.152(a), (b) [G]63.152(b)(1), (c)(1)-(2) 63.152(c)(4)(ii), [G](c)(6)
	B35EWS201	R7ICI-01	NO_X	[G]117.335(a)(1), (a)(4), (b) 117.335(d)-(e), (g), 117.340(a) 117.340(l)(2), (o)(1), (p)(1) 117.340(p)(2)(A)-(C)	117.345(a), (f), (f)(1), (f)(9)	117.335(b), (g) 117.340(p)(2)(D) [G]117.345(b)-(c)
	B35EWS201	R7ICI-01	CO	[G]117.335(a)(1), (a)(4), (b) 117.335(d)-(e), (g)	117.345(a), (f), (f)(9)	117.335(b), (g) [G]117.345(b)-(c)
6	~~B35EWSP930~~	~~R5132-01~~	~~VOC~~	~~[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)~~	~~115.136(a)(2), (a)(2)(A), (3)-(4)~~	~~NONE~~
	B35EWSP940	R5132-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
	B35EWSP970	R5131-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
	B35EWST33	R5131-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
	B35EWST33	R5131-02	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B35EWTLRCL	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)
	B35RSSP935	R5131-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
	B35RSSP945	R5131-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
	B35RSSP955	R5131-01	VOC	[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)	115.136(a)(2), (a)(2)(A), (3)-(4)	NONE
	B35RSSP965	***R5131-01***	***VOC***	***[G]115.135(a), 115.136(a)(2), 115.136(a)(2)(A), (3)-(4)***	***115.136(a)(2), (a)(2)(A), (3)-(4)***	***NONE***
	B36UBGE10C	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B36UBGE10C	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B36UBGE10E	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B36UBGE10E	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B36UBST36A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B36UBST36B	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B3UBGE307A	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B3UBGE307A	63ZZZZ-1	HAPS	NONE	NONE	NONE
	B3UBGE309	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B3UBGE309E	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B3UBST309A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B47ELLR1	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	B47ENVST1	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	B47ENVST2	R5142-01	VOC	[G]115.142(1)(H), [G]115.144(1) 115.144(3)(D), (5) 115.145, (1), (10), [G](2)-(3) 115.145(4)-(7), (9), [G]115.148	[G]115.142(1)(H), 115.144(3)(D) 115.146(1)-(4)	NONE
	B50SC5008	R5412-01	VOC	[G]§115.415(1), (3)	NONE	NONE
	B50SC5008	R5460-01	VOC	NONE	§115.468(b)(2), (b)(5)	NONE
	B5UBGE516D	R1111-01	OPACITY	[G]111.111(a)(1)(F)	NONE	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B5UBGE516D	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B5UBGE516E	R1111-01	OPACITY	[G]111.111(a)(1)(F)	NONE	NONE
	B5UBGE516E	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B64UBGE401	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B71UBGE00D	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B71UBGE00D	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B73UBGE00D	R1111-01	OPACITY	[G]111.111(a)(1)(F)	NONE	NONE
	B73UBGE00D	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6),	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					[G](f)(10)	
	B73UBGE00E	R1111-01	OPACITY	[G]111.111(a)(1)(F)	NONE	NONE
	B73UBGE00E	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B73UBST73A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B73UBST73B	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	B87UBGE700	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	B87UBGE700	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B8MBFU180	R5780-ALL	HRVOC	N/A	N/A	N/A
	B8MBFU2	R5352-ALL	VOC	N/A	N/A	N/A

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B8MBFU2	63H-ALL	HAPS	N/A	N/A	N/A
	B8MBSTV2	R5112-01	VOC	115.115(a), [G](a)(5), [G]115.117	115.118(a)(4), (a)(4)(E), (a)(5), (a)(7)	NONE
	B8MBSTV2	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(4), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii), (i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(4) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d), (f) 61.356(f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(6)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(C)
	B8MBSTV2	63DD-01	HAPS	63.693(b)(4)(i), (b)(5) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j)-(k), [G]63.695(b)(3)-(4), (c)(1) 63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(iv) [G]63.695(c)(3), [G](e)-(f)	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G]63.695(e)-(f) 63.696(b), [G](e), [G](g), [G](h)	63.693(b)(4)(i) [G]63.697(b)
	B8MBSTV4	R5112-01	VOC	115.115(a), [G](a)(5), [G]115.117	115.118(a)(4), (a)(4)(E), (a)(5), (a)(7)	NONE
	B8MBSTV4	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(4), (f)(1) [G]61.355(h), (i)(1)-(2)	61.349(a)(1)(ii), 61.354(c), (c)(4) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d), (f)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(C)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				61.355(i)(3)(i)-(ii), (i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.356(f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(6)	
	B8MBSTV4	63DD-01	HAPS	63.693(b)(4)(i), (b)(5) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j)-(k), [G]63.695(b)(3)-(4), (c)(1) 63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(iv) [G]63.695(c)(3), [G](e)-(f)	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G]63.695(e)-(f) 63.696(b), [G](e), [G](g), [G](h)	63.693(b)(4)(i) [G]63.697(b)
	B8MBSTV5	R5112-01	VOC	115.115(a), [G](a)(5), [G]115.117	115.118(a)(4), (a)(4)(E), (a)(5), (a)(7)	NONE
	B8MBSTV5	61FF-01	BENZENE	61.343(a)(1)(i)(A), (c) 61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(4), (f)(1) [G]61.355(h), (i)(1)-(2) 61.355(i)(3)(i)-(ii), (i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(4) 61.355(i)(1), (i)(3)(ii)(A), 61.356(d), (f) 61.356(f)(1), [G](f)(3), (g)-(h), (j) 61.356(j)(1)-(3), (j)(3)(i), (j)(6)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(C)
	B8MBSTV5	63DD-01	HAPS	63.693(b)(4)(i), (b)(5) 63.693(f)(2)(ii)(A), (f)(3)(i) [G]63.694(j)-(k), [G]63.695(b)(3)-(4), (c)(1)	63.693(b)(4)(i), (f)(3)(i), [G]63.694(j) 63.695(c)(1), (c)(1)(iv), [G]63.695(e)-(f)	63.693(b)(4)(i) [G]63.697(b)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				63.695(c)(1)(i)-(ii), (c)(1)(ii)(A) 63.695(c)(1)(ii)(B), (c)(1)(iv) [G]63.695(c)(3), [G](e)-(f)	63.696(b), [G](e), [G](g), [G](h)	
	B8MBTO180	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
	B8MBTO180	R7ICI-01	NO_X	[G]§117.335(a)(1), (a)(4), (b), §117.335(d), (g), §117.340(l)(2), (o)(1), (p)(1)	§117.345(a), (f), (f)(9)	§117.335(b), (g), [G]§117.345(b)-(c), §117.8010, [G](1), (2), (2)(A)-(D), [G]§117.8010(3), (4), [G](5), §117.8010(6), [G](7)-(8)
	B8MBTO180	63G-01	HAPS	[G]63.114(a)(4), [G]63.115(f) [G]63.116(d)	[G]63.114(a)(4), [G]63.117(a)(6) [G]63.152(a)	[G]63.117(a)(6), [G]63.151(b), (e), [G](e)(1) 63.151(e)(2)-(3), [G](j) [G]63.152(a), (b), [G](b)(1) 63.152(c)(1), (c)(4)(ii) [G]63.152(c)(6)
	B8MBTO180	63EEE-01	Dioxans, Furans	[T][G]§63.1207(b)(2)-(3), [T](c)(1), [T][G]§63.1207(c)(2), §63.1207(g)(1)(i)(A), (g)(2)(ii), (g)(2)(v), [G]§63.1208(b)(1),	§63.1209(k)(2)(i), [G](k)(3), [G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7),	§63.1207(f)(1)(xv), (f)(1)(xvii), (f)(1)(xix), [G]§63.1207(f)(1)(xx)-(xxi), (f)(1)(xxii), §63.1207(f)(2)(ii), (j)(2), §63.1210(b)(3)(i), (c)(1)(i),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§63.1209(k)(2)(i), [G](k)(3), [G](k)(8), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i), [T](f)(1)(ii), [T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)	§63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	[G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	Hg	[T]§63.1207(c)(1), [T][G](c)(2), [G]§63.1207(m)(1)-(2), §63.1208(b)(2), §63.1209(a)(5), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3),	[G]§63.1207(m)(1)-(2), [G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A),	§63.1207(f)(1)(xvi), (f)(1)(xxvi), (m)(5), §63.1209(g)(1)(iv)(B), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i), [T](f)(1)(ii), [T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)	§63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	[G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	Pb, Cd, Se	[T]§63.1207(c)(1),[T][G](c)(2), (f)(1)(xi), [G]§63.1207(m)(1)-(2), §63.1208(b)(3), §63.1209(a)(5), (c)(5), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i),	[G]§63.1207(m)(1)-(2) [G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q),	§63.1207(f)(1)(xi), (f)(1)(xvi)-(xvii), §63.1207(f)(1)(xxvi), (m)(5), §63.1209(g)(1)(iv)(A), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T](f)(1)(ii), [T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)	§63.1211(b), [G](c)(3), [G](d)	§63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	Sb, As, Be, Cr, Co, Mn, Ni	[T]§63.1207(c)(1), [T][G](c)(2), (f)(1)(xi), [G]§63.1207(m)(1)-(2), §63.1208(b)(4), §63.1209(a)(5), (c)(5), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i), [T](f)(1)(ii),	[G]§63.1207(m)(1)-(2), [G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	§63.1207(f)(1)(xi), (f)(1)(xvi)-(xvii), §63.1207(f)(1)(xxvi), (m)(5), §63.1209(g)(1)(iv)(A), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)		[G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	CO, THC	[G]§63.1206(b)(6), [T]§63.1207(c)(1), [T][G](c)(2), [T]§63.1207(g)(2)(i), (g)(2)(v), §63.1209(a)(1)(i), (a)(2), [G](a)(3), [G]§63.1209(a)(6), (a)(7) [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i),	[G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	§63.1207(f)(2)(i), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T](f)(1)(ii), [T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)		[G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	Total Chlorine	[T]§63.1207(c)(1), [T][G](c)(2), (f)(1)(xi), §63.1207(g)(2)(iii), [G]§63.1207(m)(1)-(2), [G]§63.1208(b)(5)(i), §63.1209(a)(5), (c)(5), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i), [T](f)(1)(ii), [T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii),	[G]§63.1207(m)(1)-(2) [G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	§63.1207(f)(1)(xi), (f)(1)(xvi)-(xvii), §63.1207(f)(1)(xxv)-(xxvi), (f)(2)(iii), §63.1207(m)(5), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)		§63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	PM	[G]§63.1206(b)(8)(iii), [T]§63.1207(c)(1), [T][G](c)(2), (g)(1)(i)(C), §63.1207(g)(2)(iv), §63.1208(b)(6), §63.1209(a)(1)(iii), (a)(5), [G](m)(1)(i), [G]§63.1209(m)(1)(iv), [G](m)(2), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i), [T](f)(1)(ii),	[G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	[G]§63.1206(b)(8)(iii), §63.1207(f)(1)(xvii), (f)(1)(xxiii), [G]§63.1207(f)(1)(xxiv), (f)(2)(iv), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii),

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii), [T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)		(f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTO180	63EEE-01	POHC	[T]§63.1207(c)(1), [T][G](c)(2), [T]§63.1207(f)(1)(ii)(D), [G]§63.1209(j), [T]§63.1206(b)(7)(iii), [G]§63.1206(b)(5), [G](b)(12), [G](c)(3), [T]§63.1207(a), [T](b)(1), [T][G](d)-(e), [T][G]§63.1207(f)(1)(i), [T](f)(1)(ii), [T]§63.1207(f)(1)(ii)(A)-(C), [T][G](f)(1)(iii), [T]§63.1207(f)(1)(iv)-(ix), [T](f)(1)(xii),	[G]§63.1206(b)(5), (b)(11), [G](b)(12), [G]§63.1206(c)(1)-(5), (c)(6)(vii), [G](c)(7), §63.1207(f)(1)(xii), (g)(1)(iii)(A), §63.1209(b)(1), [G](c)(2), [G](c)(4), [G](q), §63.1211(b), [G](c)(3), [G](d)	§63.1207(f)(1)(ii)(D), (f)(1)(xvii), §63.1207(f)(1)(xix), §63.1210(b)(3)(i), (c)(1)(i), [G]§63.1206(b)(5), (b)(11), [G](c)(2)-(4), [G]§63.1207(e), [G](f)(1)(i), (f)(1)(ii), §63.1207(f)(1)(ii)(A)-(C), [G](f)(1)(iii), §63.1207(f)(1)(iv)-(ix), (f)(1)(xii), (f)(1)(xviii), §63.1207(f)(1)(xxvii), (f)(2)(v)-(x), [G](h)-(i), [G]§63.1207(j)(1), (j)(3)-

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[T]§63.1207(f)(1)(xxvii), (g), (g)(1)(ii), [T][G]§63.1207(h)-(i), [T][G](l)(1), §63.1208(b)(7)-(8), §63.1209(b)(1), [G](b)(2), (b)(3)-(4), [G](b)(5), [G]§63.1209(c)(4), [G](d), [G](f), (g)(1)(i)-(ii), §63.1209(i), (p), [G](q), (r)		(5), [G](k), [G]§63.1207(l)(1), (l)(3), §63.1209(c)(3), (g)(1)(i)-(ii), [G](g)(1)(iii), [G]§63.1210(a), [G](b)(1), (b)(2), (c)(2), [G]§63.1210(c)(3)-(4), [G](d), §63.1211(a), [G](c)(3), [G](d), §63.1212(a)
	B8MBTR1	63DD-01	HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DD
	B8MBULRC1	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B8MBULV2	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B8MBULV4	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	B8MBULV5	R5211-01	VOC	§115.212(a)(3)(B), §115.214(a)(1)(A), §115.214(a)(1)(A)(i)-(iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	NONE
	B8TOLR824	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)
	B8UBGE830	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NOE
	B8UBGE830	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	B8UBST830A	R5112-01	VOC	[G]115.117	115.118(a)(1), (a)(5), (a)(7)	NONE
	GRP1	R5460-01	VOC	[G]115.465(1)	115.468(b)(1), (b)(4)-(5)	NONE
	GRP1	R5460-02	VOC	[G]115.465(1)	115.468(b)(1), (b)(4)-(5)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-IWW	R5121-01	VOC	§115.145, (1), [G](2)-(3), §115.145(4)-(7), (9)-(10), [G]§115.148,	§115.146(1), (3), (4)	[G]§115.142(4)
	OC1U1GE60C	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
3	***OC1UOGE1***	***R7ICI-01***	***NOx***	***NONE***	***117.340(j), [G]117.345(f)(6), [G](f)(10)***	***NONE***
3	***OC1UOGE1***	***63ZZZZ-01***	***HAPS***	***NONE***	***NONE***	***NONE***
	OC2U2GE122	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	OC2U2GE122	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	OC4U4GE000	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	OC4U4GE000	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	OC4U4GE502	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	OC4U4GE502	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b) 63.6660(c)	63.6640(e) 63.6650(f)
	OC4U4GE505	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	OC4U4GE505	63ZZZZ-1	HAPS	63.6625(f) 63.6625(i) 63.6640(a) 63.6640(a)-Table6.9.a.i 63.6640(a)-Table6.9.a.ii	63.6625(i) 63.6655(d) 63.6655(e) 63.6655(f) 63.6660(a) 63.6660(b)	63.6640(e) 63.6650(f)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					63.6660(c)	
	OC6U6GE02A	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	OC6U6GE02A	63ZZZZ-1	HAPS	NONE	NONE	NONE
	OC6U6GE02B	R7ICI-01	NO_X	NONE	117.340(j), [G]117.345(f)(6), [G](f)(10)	NONE
	OC6U6GE02B	63ZZZZ-1	HAPS	NONE	NONE	NONE
3	***OC6UOGE004***	***R7ICI-01***	***NO_X***	***NONE***	***117.340(j), [G]117.345(f)(6), [G](f)(10)***	***NONE***
3	***OC6UOGE004***	***63ZZZZ-01***	***HAPS***	***NONE***	***NONE***	***NONE***
	PROIN33	61FF-01	BENZENE	61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (e), (f)(1) 61.355(i)(1)-(2), (i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(e) 61.356(e)(1), (f), (f)(1), [G](f)(3) 61.356(h), [G](i), (j), (j)(1), (j)(11), (j)(2)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					61.356(j)(3)(i), (j)(4)	
	PROIN33	63DD-01	HAPS	63.684(h)	NONE	NONE
	PROIN33	63FFFF-01	HAPS	63.143(d), (g)	63.147(b), (b)(7)	63.143(d), 63.146(b)(2), 63.146(b)(4)-(6), 63.2450(q)
	PROIN33	R5-63G-01	HAPS	NONE	63.147(b), (b)(7), [G]63.152(a), [G](f)	63.146(b)(2), (b)(4)-(6) [G]63.151(b), (e) 63.151(e)(1)-(3), [G](j) [G]63.152(a), (b), [G](b)(1) 63.152(c)(1), (c)(4)(ii) [G]63.152(c)(6)
	PROMB824	61FF-01	BENZENE	61.349(a)(1)(i)-(ii), (e)-(f) 61.354(c), (c)(1), (e), (f)(1) 61.355(i)(1)-(2), (i)(3)(i)-(ii) 61.355(i)(3)(ii)(A)-(C) 61.355(i)(3)(iii)-(iv), (i)(4)	61.349(a)(1)(ii), 61.354(c), (c)(1) 61.355(i)(1), (i)(3)(ii)(A), 61.356(e) 61.356(e)(1), (f), (f)(1), [G](f)(3) 61.356(h), [G](i), (j), (j)(1), (j)(11), (j)(2) 61.356(j)(3)(i), (j)(4)	61.357(d)(7), (d)(7)(iv) 61.357(d)(7)(iv)(A)
	PROMB824	63DD-01	HAPS	63.684(h)	NONE	NONE

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

Date: April 29, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROMB824	63FFFF-01	HAPS	63.143(d), (g)	63.147(b), (b)(7)	63.143(d), 63.146(b)(2), 63.146(b)(4)-(6), 63.2450(q)
	PROMB824	R5-63G-01	HAPS	NONE	63.147(b), (b)(7), [G]63.152(a), [G](f)	63.146(b)(2), (b)(4)-(6) [G]63.151(b), (e) 63.151(e)(1)-(3), [G](j) [G]63.152(a), (b), [G](b)(1) 63.152(c)(1), (c)(4)(ii) [G]63.152(c)(6)

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 6				
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**			
	D.	**Loading and Unloading of VOCs (continued)**		
♦		3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐YES ☒NO
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities**		
♦		1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. *If the response to Question III.E.1 is "NO," go to Section III.F.*	☐YES ☒NO
♦		2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	☐YES ☐NO
♦		3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. *If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.*	☐YES ☐NO
♦		4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. *If the response to Question III.E.4 is "NO," go to Question III.E.9.*	☐YES ☐NO
♦		5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐YES ☐NO
♦		6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☐YES ☐NO
♦		7.	At facilities located in 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. *If the response to Question III.E.7 is "YES," go to Section III.F.*	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 7			
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**		
	E.	**Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)**	
♦	8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. *If the response to Question III.E.8 is "YES," go to Section III.F.*	☐YES ☐NO
♦	9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	☐YES ☐NO
♦	10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	☐YES ☐NO
♦	11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	☐YES ☐NO
♦	12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	☐YES ☐NO
	F.	**Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)**	
♦	1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	☐YES ☐NO ☐N/A

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 9				
III.	**Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)**			
	H.	**Control Of Reid Vapor Pressure (RVP) of Gasoline**		
♦	1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. *If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.*	☐YES ☒NO ☐N/A	
♦	2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	☐YES ☐NO	
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐YES ☐NO	
♦	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐YES ☐NO	
	I.	**Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**		
	1.	The application area is located at a petroleum refinery.	☐YES ☒NO	
	J.	**Surface Coating Processes (Complete this section for GOP applications only.)**		
♦	1.	Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	☐YES ☐NO ☐N/A	

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 14				
IV.	**Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**			
	C.	**Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas**		
♦	1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. *For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.*	☐YES	☒NO
♦	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	☐YES	☐NO ☐N/A
♦	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐YES	☐NO
	D.	**Adipic Acid Manufacturing**		
	1.	The application area is located at, or part of, an adipic acid production unit.	☐YES	☒NO ☐N/A
	E.	**Nitric Acid Manufacturing - Ozone Nonattainment Areas**		
	1.	The application area is located at, or part of, a nitric acid production unit.	☐YES	☒NO ☐N/A
	F.	**Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines**		
♦	1.	The application area is located at a site that is a minor source of NO_X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). *For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.*	☐YES	☒NO
♦	2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	☐YES	☐NO
♦	3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	☐YES	☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 15			
IV.	**Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**		
	F.	**Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)**	
♦	4.	The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	☐YES ☐NO
♦	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐YES ☐NO
	6.	The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. *If the response to Question IV.F.6 is "NO," go to Section IV.G.*	☐YES ☐NO
	7.	An ACSS for carbon monoxide (CO) has been approved?	☐YES ☐NO
	8.	An ACSS for ammonia (NH_3) has been approved?	☐YES ☐NO
	9.	Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
	G.	**Utility Electric Generation in East and Central Texas**	
	1.	The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. *If the response to Question IV.G.1 is "NO," go to Question IV.H.1.*	☐YES ☒NO
	2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐YES ☐NO
	H.	**Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters**	
	1.	The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. *If the response to question IV.H.1 is "NO," go to Section V.*	☐YES ☒NO
	2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 19			
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	C.	**Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)**	
♦	5.	One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	☐YES ☐NO
	D.	**Subpart XX - Standards of Performance for Bulk Gasoline Terminals**	
	1.	The application area includes bulk gasoline terminal loading racks. *If the response to Question VI.D.1 is "NO," go to Section VI.E.*	☐YES ☒NO ☐N/A
	2.	One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	☐YES ☐NO
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions**	
♦	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). *For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.*	☐YES ☒NO
♦	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. *For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.*	☐YES ☐NO
♦	3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. *For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.*	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 20			
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions (continued)**	
♦	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. *For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.*	☐YES ☐NO
♦	5.	Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
	F.	**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants**	
	1.	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. *If the response to Question VI.F.1 is "NO," go to Section VI.G.*	☐YES ☒NO
	2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	☐YES ☐NO
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems**	
	1.	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. *If the response to Question VI.G.1 is "NO," go to Section VI.H.*	☐YES ☒NO
	2.	The application area includes storm water sewer systems.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 21			
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	G.	**Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)**	
	3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	☐YES ☐NO
	4.	The application area includes non-contact cooling water systems.	☐YES ☐NO
	5.	The application area includes individual drain systems. *If the response to Question VI.G.5 is "NO," go to Section VI.H.*	☐YES ☐NO
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐YES ☐NO
	7.	The application area includes completely closed drain systems.	☐YES ☐NO
	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. *If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.*	☐YES ☐NO ☒N/A
♦	2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	☐YES ☐NO
♦	3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	☐YES ☐NO
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "NO," go to Section VI.I.*	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 24			
VI.	**Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)**		
	J.	**Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006**	
♦	1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. *If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.*	☐YES ☐NO ☒N/A
♦	2.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	☐YES ☐NO
♦	3.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	☐YES ☐NO
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.J.4 is "NO," go to Section VI.K.*	☐YES ☐NO
♦	5.	The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. *If the response to Question VI.J.5 is "NO," go to Question VI.J.7.*	☐YES ☐NO
♦	6.	All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐YES ☐NO
♦	7.	The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 42		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)		
4.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. *If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.*	☐YES ☐NO
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. *If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.*	☐YES ☐NO
6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). *If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.*	☐YES ☐NO
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). *If the response to Question VIII.G.7 is "YES," go to Section VIII.H.*	☐YES ☐NO
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). *If the response to Question VIII.G.8 is "YES," go to Section VIII.H.*	☐YES ☐NO
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). *If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.*	☐YES ☐NO
10.	The site at which the application area is located is a major source of HAP. *If the response to Question VIII.G.10 is "NO," go to Section VIII.H.*	☐YES ☐NO
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 43		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
H.	**Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**	
1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. *If the response to Question VIII.H.1 is "NO," go to Section VIII.I.*	☐YES ☒NO
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). *If the response to Question VIII.H.2 is "NO," go to Section VIII.I.*	☐YES ☐NO
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. *If the response to Question VIII.H.3 is "NO," go to Section VIII.I.*	☐YES ☐NO
4.	The application area includes one or more kraft pulping systems that are existing sources.	☐YES ☐NO
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐YES ☐NO
6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. *If the response to Question VIII.H.6 is "NO," go to Section VIII.I.*	☐YES ☐NO
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐YES ☐NO
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 44			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
I.	**Subpart T - National Emission Standards for Halogenated Solvent Cleaning**		
	1.	The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	☐YES ☒NO
	2.	The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	☐YES ☒NO
	3.	The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	☐YES ☒NO
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins**		
	1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. *If the response to Question VIII.J.1 is "NO," go to Section VIII.K.*	☐YES ☒NO
	2.	Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. *If the response to Question VIII.J.2 is "NO," go to Section VIII.K.*	☐YES ☐NO
	3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	☐YES ☐NO
	4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 45		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.*	☐YES ☐NO
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.*	☐YES ☐NO
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES ☐NO
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES ☐NO
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.*	☐YES ☐NO
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 46		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
Containers		
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES ☐NO
Drains		
12.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.*	☐YES ☐NO
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES ☐NO
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐YES ☐NO
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. *If the response to Question VIII.J.15 is "NO," go to Section VIII.K.*	☐YES ☐NO
16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). *If the response to Question VIII.J.16 is "NO," go to Section VIII.K.*	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 47		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J.	**Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)**	
	***Drains* (continued)**	
17.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	☐YES ☐NO
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES ☐NO
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐YES ☐NO
K.	**Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production**	
1.	The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. *If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.*	☐YES ☒NO ☐N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 48		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
L.	**Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting**	
1.	The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. *If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.*	☐YES ☒NO ☐N/A
2.	The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	☐YES ☐NO
M.	**Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations**	
1.	The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	☐YES ☒NO
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**	
	Applicability	
1.	The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). *If the response to Question VIII.N.1 is "NO," go to Section VIII.O.*	☐YES ☒NO
2.	All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). *If the response to Question VIII.N.2 is "YES," go to Section VIII.O.*	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 49		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)		
***Applicability* (continued)**		
3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). *If the response to Question VIII.N.3 is "NO," go to Section VIII.O.*	☐YES ☐NO
4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. *If the response to Question VIII.N.4 is "NO," go to Section VIII.O.*	☐YES ☐NO
5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐YES ☐NO
6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐YES ☐NO
7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. *If the response to Question VIII.N.7 is "NO," go to Section VIII.O.*	☐YES ☐NO
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 50		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
N.	**Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)**	
	***Applicability* (continued)**	
9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). *If the response to Question VIII.N.9 is "NO," go to Section VIII.O.*	☐YES ☐NO
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐YES ☐NO
	Containers, Drains, and other Appurtenances	
11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐YES ☐NO
12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐YES ☐NO
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). *If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P*	☒YES ☐NO ☐N/A
2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☒YES ☐NO
3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	☒YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 51		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)		
4.	The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	☐YES ☒NO
5.	The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	☐YES ☒NO
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	☐YES ☒NO
7.	The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	☐YES ☒NO
8.	The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	☐YES ☒NO
9.	The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	☒YES ☐NO
10.	The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. *If the response to Question VIII.O.10 is "YES," go to Section VIII.P.*	☐YES ☒NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 52		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)		
11.	The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. *If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.*	☒YES ☐NO
12.	VOHAP concentration is determined by direct measurement.	☒YES ☐NO
13.	VOHAP concentration is based on knowledge of the off-site material.	☒YES ☐NO
14.	The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. *If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.*	☒YES ☐NO
15.	An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☒YES ☐NO
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☒YES ☐NO
17.	The application area includes containers that manage non-exempt off-site material.	☒YES ☐NO
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐YES ☒NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 53			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	P.	**Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities**	
	1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. *If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.*	☐YES ☒NO ☐N/A
	2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐YES ☐NO
	Q.	**Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.**	
♦	1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	☐YES ☒NO
♦	2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. *For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.* *For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.*	☐YES ☒NO
♦	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. *For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.*	☐YES ☐NO
♦	4.	The application area is located at a site that is a major source of HAP. *If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.*	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 54			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Q.	**Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**	
♦	5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft^3) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. *For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.* *For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.*	☐YES ☐NO
♦	6.	The application area includes a triethylene glycol (TEG) dehydration unit. *For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.*	☐YES ☐NO
♦	7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	☐YES ☐NO
♦	8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	☐YES ☐NO
♦	9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 55			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
R.	**Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)**		
	1.	The application area includes shipbuilding or ship repair operations. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐YES ☒NO
	2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐YES ☐NO
S.	**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. *If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.*	☐YES ☒NO ☐N/A
	2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐YES ☐NO
T.	**Subpart KK - National Emission Standards for the Printing and Publishing Industry**		
	1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	☐YES ☒NO ☐N/A
U.	**Subpart PP - National Emission Standards for Containers**		
	1.	The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☐YES ☒NO
	2.	The application area includes containers using Container Level 1 controls.	☐YES ☐NO
	3.	The application area includes containers using Container Level 2 controls.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 56			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
U.	**Subpart PP - National Emission Standards for Containers (continued)**		
	4.	The application area includes containers using Container Level 3 controls.	☐YES ☐NO
V.	**Subpart RR - National Emission Standards for Individual Drain Systems**		
	1.	The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	☐YES ☒NO
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards**		
	1.	The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	☐YES ☒NO
	2.	The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.*	☐YES ☒NO
	3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	☐YES ☐NO
	4.	The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	☐YES ☐NO
	5.	All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	☐YES ☐NO
	6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.*	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 57		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES ☐NO
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES ☐NO
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.*	☐YES ☐NO
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES ☐NO
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES ☐NO
12.	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. *If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.*	☐YES ☐NO
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	☐YES ☐NO
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 58		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. *If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.*	☐YES ☐NO
16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). *If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.*	☐YES ☐NO
17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	☐YES ☐NO
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 60		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
25.	The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	☐YES ☒NO
26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). *If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.*	☐YES ☒NO
27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. *If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.*	☐YES ☐NO
28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). *If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.*	☐YES ☐NO
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐YES ☐NO
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. *If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.*	☐YES ☐NO
31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 62		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
38.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.*	☐YES ☐NO
39.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐YES ☐NO
40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.*	☐YES ☐NO
41.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐YES ☐NO
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐YES ☐NO
43.	The application area has at least one waste stream that contains benzene. *If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.*	☒YES ☐NO
44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. *If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.*	☒YES ☐NO
45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.*	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
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Form OP-REQ1: Page 63		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐YES ☐NO
47.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. *If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.*	☐YES ☒NO
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.*	☐YES ☐NO
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.*	☐YES ☐NO
50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	☐YES ☐NO
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.*	☐YES ☐NO
52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 64		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐YES ☐NO
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "NO," go to Section VIII.X.*	☐YES ☒NO
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐YES ☐NO
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. *If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.*	☒YES ☐NO
2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. *If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.*	☒YES ☐NO
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.*	☐YES ☒NO
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.*	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 65		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
5.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	☐YES ☒NO
6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐YES ☒NO
7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐YES ☒NO
8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.*	☐YES ☒NO
9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.*	☐YES ☒NO
10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES ☐NO
11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES ☒NO
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.*	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 66		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
	13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES ☐NO
	Containers	
	14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES ☒NO
	Drains	
	15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. *If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.*	☐YES ☒NO
	16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES ☐NO
	17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐YES ☐NO
	18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. *If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.*	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 67		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
***Drains* (continued)**		
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.*	☐YES ☐NO
20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	☐YES ☐NO
21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES ☐NO
22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 68			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Y.	**Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.**	
	1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	☐YES ☒NO
	Z.	**Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.**	
♦	1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	☐YES ☒NO
	AA.	**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)**	
	1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	☒YES ☐NO
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☒YES ☐NO
	3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. *If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.*	☒YES ☐NO
	4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. *If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.*	☒YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 69		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
5.	The application area includes process wastewater streams. *If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.*	☒YES ☐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.	☒YES ☐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.	☐YES ☒NO
8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.*	☐YES ☒NO
9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.*	☐YES ☒NO
10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES ☐NO
11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES ☒NO
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.*	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 70		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
13.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). *If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.*	☐YES ☐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.	☒YES ☐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. *If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.*	☐YES ☒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.	☐YES ☐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.	☐YES ☒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.	☒YES ☐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. *If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.*	☐YES ☒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.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 71		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
21.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐YES ☐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). *If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.*	☐YES ☒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). *If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.*	☐YES ☐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.	☐YES ☐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.	☐YES ☐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.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 72		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.		
1.	The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	☐YES ☒NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation		
1.	The application area includes a facility at which a site remediation is conducted. *If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.*	☒YES ☐NO
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.*	☒YES ☐NO
3.	All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.*	☐YES ☒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. *If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.*	☐YES ☒NO
5.	The site remediation will be completed within 30 consecutive calendar days.	☐YES ☒NO
6.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.*	☐YES ☒NO
7.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☒YES ☐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. *If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.*	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 73		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)		
9.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. *If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.*	☒YES ☐NO
10.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☒YES ☐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).	☒YES ☐NO
12.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☒YES ☐NO
13.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐YES ☒NO
14.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☒YES ☐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. *If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.*	☐YES ☒NO
2.	The EAF steelmaking facility is a research and development facility. *If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.*	☐YES ☐NO
3.	Metallic scrap is utilized in the EAF.	☐YES ☐NO
4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐YES ☐NO
5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 74		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities		
1.	The application area is located at a site that is an area source of HAPs. *If the answer to Question EE.1 is "NO," go to Section VIII.FF.*	☐YES ☒NO
2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐YES ☐NO
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐YES ☐NO
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. *If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.*	☐YES ☐NO
5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐YES ☐NO
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. *If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.*	☐YES ☐NO
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. *If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.*	☐YES ☐NO
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐YES ☐NO
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. *If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.*	☐YES ☐NO
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐YES ☐NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 75			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	EE.	**Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)**	
	11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	☐YES ☐NO
	FF.	**Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities**	
♦	1.	The application area is located at a site that is an area source of hazardous air pollutants. *If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.*	☐YES ☒NO
♦	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. *If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.*	☐YES ☐NO
♦	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐YES ☐NO
♦	4.	The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	☐YES ☐NO
	GG.	**Recently Promulgated 40 CFR Part 63 Subparts**	
♦	1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. *If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.*	☒YES ☐NO
♦	2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. **40 CFR Part 63, Subparts EEE, EEEE (OLD), and NNNNN**	

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 76				
IX.	**Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions**			
	A.	**Applicability**		
♦	1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	☒YES ☐NO	
X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone**			
	A.	**Subpart A - Production and Consumption Controls**		
♦	1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	☒YES ☐NO ☐N/A	
	B.	**Subpart B - Servicing of Motor Vehicle Air Conditioners**		
♦	1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	☐YES ☒NO	
	C.	**Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances**		
♦	1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	☐YES ☒NO ☐N/A	
	D.	**Subpart D - Federal Procurement**		
♦	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐YES ☒NO ☐N/A	
	E.	**Subpart E - The Labeling of Products Using Ozone Depleting Substances**		
♦	1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	☒YES ☐NO ☐N/A	
♦	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐YES ☒NO ☐N/A	
♦	3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	☒YES ☐NO ☐N/A	

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 77				
X.	**Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)**			
	F.	**Subpart F - Recycling and Emissions Reduction**		
♦	1.	Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	☒YES ☐NO	
♦	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐YES ☒NO ☐N/A	
♦	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐YES ☒NO ☐N/A	
	G.	**Subpart G - Significant New Alternatives Policy Program**		
♦	1.	The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. *If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.*	☐YES ☒NO ☐N/A	
♦	2.	All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	☐YES ☐NO ☐N/A	
	H.	**Subpart H -Halon Emissions Reduction**		
♦	1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	☐YES ☒NO ☐N/A	
♦	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☐YES ☒NO ☐N/A	
XI.	**Miscellaneous**			
	A.	**Requirements Reference Tables (RRT) and Flowcharts**		
	1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	☒YES ☐NO	

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 78			
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. *If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.*	☒YES ☐NO ☐N/A
♦	2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. **40 CFR Part 63, Subparts EEE, EEEE (OLD), and NNNNN**	
	C.	**Emission Limitation Certifications**	
♦	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☒YES ☐NO
	D.	**Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements**	
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☒YES ☐NO
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☒YES ☐NO
	3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. *If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.*	☒YES ☐NO
	4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. *If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.*	☒YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 79			
XI.	**Miscellaneous (continued)**		
	E.	**Title IV - Acid Rain Program**	
	1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	☐YES ☒NO
	2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐YES ☒NO
	3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐YES ☒NO
	F.	**40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X Ozone Season Group 2 Trading Program**	
	1.	The application area includes emission units subject to the requirements of the CSAPR NO_X Ozone Season Group 2 Trading Program. *If the response to Question XI.F.1 is "NO," go to Question XI.F.7.*	☐YES ☒NO
	2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.	☐YES ☐NO
	3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐YES ☐NO
	4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO_X, and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐YES ☐NO
	5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO_X and heat input.	☐YES ☐NO
	6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO_X and heat input.	☐YES ☐NO
	7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 80			
XI.	**Miscellaneous (continued)**		
	G.	**40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program**	
	1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "NO," go to Question XI.G.6.*	☐YES ☒NO
	2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO_2 and 40 CFR Part 75, Subpart H for heat input.	☐YES ☐NO
	3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO_2 and heat input.	☐YES ☐NO
	4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO_2 and heat input.	☐YES ☐NO
	5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO_2 and heat input.	☐YES ☐NO
	6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐YES ☐NO
	H.	**Permit Shield (SOP Applicants Only)**	
	1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	☒YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 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.	☐YES ☐NO
♦	2.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	☐YES ☐NO
♦	3.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	☐YES ☐NO
♦	4.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	☐YES ☐NO
♦	5.	The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	☐YES ☐NO
	J.	**Title 30 TAC Chapter 101, Subchapter H**	
♦	1.	The application area is located in a nonattainment area. *If the response to Question XI.J.1 is "NO," go to question XI.J.3.*	☒YES ☐NO
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☒YES ☐NO ☐N/A
♦	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☒YES ☐NO ☐N/A

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 82			
XI.	**Miscellaneous (continued)**		
	J.	**Title 30 TAC Chapter 101, Subchapter H (continued)**	
♦	4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO_X.	☒YES ☐NO
♦	5.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐YES ☒NO
♦	6.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	☒YES ☐NO
♦	7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	☐YES ☒NO
	K.	**Periodic Monitoring**	
♦	1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	☒YES ☐NO
♦	2.	The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.*	☒YES ☐NO
♦	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐YES ☒NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 83			
XI.	**Miscellaneous (continued)**		
	L.	**Compliance Assurance Monitoring**	
♦	1.	The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. *If the response to Question XI.L.1 is "NO," go to Section XI.M.*	☐YES ☒NO
♦	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. *If the response to Question XI.L.2 is "NO," go to Section XI.M.*	☐YES ☐NO
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐YES ☐NO
♦	4.	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. *If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.*	☐YES ☐NO
	5.	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	☐YES ☐NO
	6.	Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
♦	7.	At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	☐YES ☐NO
♦	8.	All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). *If the response to Question XI.L.8 is "YES," go to Section XI.M.*	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 84				
XI.	**Miscellaneous (continued)**			
	L.	**Compliance Assurance Monitoring (continued)**		
♦	9.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐YES ☐NO	
♦	10.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐YES ☐NO	
♦	11.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐YES ☐NO	
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐YES ☐NO	
	M.	**Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times**		
♦	1.	The application area Nincludes at least one air curtain incinerator that commenced construction on or before December 9, 2004. *If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.*	☐YES ☒NO ☐N/A	
♦	2.	All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐YES ☐NO	
XII.	**New Source Review (NSR) Authorizations**			
	A.	**Waste Permits with Air Addendum**		
♦	1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. *If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.*	☐YES ☒NO	

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

For SOP applications, answer ALL questions unless otherwise directed.
♦ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 85			
XII. New Source Review (NSR) Authorizations (continued)			
	B.	**Air Quality Standard Permits**	
♦	1.	The application area includes at least one Air Quality Standard Permit NSR authorization. *If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.*	☐YES ☒NO
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☐YES ☐NO
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐YES ☐NO
♦	4.	The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	☐YES ☐NO
♦	5.	The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	☐YES ☐NO
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐YES ☐NO
♦	7.	The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	☐YES ☐NO
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐YES ☐NO
♦	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐YES ☐NO
♦	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐YES ☐NO

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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Form OP-REQ1: Page 86			
XII. New Source Review (NSR) Authorizations (continued)			
	B.	**Air Quality Standard Permits (continued)**	
♦	11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐YES ☐NO
♦	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "NO," go to Question XII.B.15.*	☐YES ☐NO
♦	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐YES ☐NO
♦	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐YES ☐NO
♦	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐YES ☐NO
♦	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐YES ☐NO
	C.	**Flexible Permits**	
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐YES ☒NO
	D.	**Multiple Plant Permits**	
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐YES ☒NO

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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Form OP-REQ1: Page 87

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

E. PSD Permits and PSD Major Pollutants

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

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

F. Nonattainment (NA) Permits and NA Major Pollutants

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

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

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

NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	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.: 18145	~~Issuance Date: 06/27/2017~~ ***Issuance Date: 04/19/2023***	Authorization No.: 20687	~~Issuance Date: 03/04/2013~~ ***Issuance Date: 09/18/2023***
Authorization No.: 20909	Issuance Date: 11/21/2017	Authorization No.: 313	Issuance Date: 08/06/2021
Authorization No.: 46428	Issuance Date: 05/29/2018	Authorization No.: 71062	~~Issuance Date: 09/06/2013~~ ***Issuance Date: 08/09/2022***

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

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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Authorization No.: 83792	Issuance Date: 12/09/2020	Authorization No.: 145335	Issuance Date: 03/28/2017

Date:	April 29, 2024
Permit No.:	O2211
RN No.:	RN100225945

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Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
♦ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
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.: 106.261	Version No./Date: 12/24/1998, 09/04/2000, 11/01/2003
PBR No.: 106.262	Version No./Date: 12/24/1998, 09/04/2000, 11/01/2003
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.372	Version No./Date: 09/04/2000
PBR No.: 106.452	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 07/08/1998, 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.: 106.476	Version No./Date: 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: 03/14/1997, 09/04/2000
PBR No.: 106.533	Version No./Date: 03/14/1997, 07/04/2004
PBR No.: 61	Version No./Date: 04/05/1995, 10/04/1995
PBR No.:	Version No./Date:
♦ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.: HW-50161-001	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	Registration No.	PBR No.	Registration Date
B34VMTO210	*104045*	*106.261* *106.262*	*10/11/2012*
B34VMFU02	*154590*	*106.261* *106.262*	*01/23/2019*
B8MBFU180	*109043*	*106.261* *106.262*	*05/16/2013*
B33INFU1	*109043*	*106.261* *106.262*	*05/16/2013*
B33INFU1	*141281*	*106.261* *106.262*	*09/02/2016* *05/18/2017*
B33INFU1	*149980*	*106.261* *106.262*	*02/14/2018*
B33INFU1	*152213*	*106.261* *106.262*	*06/22/2018*
Bulb Crusher	*91883*	*106.262*	*03/26/2010*
Bulb Crusher	*169309*	*106.262*	*10/06/2011*

Permit By Rule Supplemental Table (Page 2 continued)
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
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B33INCT100	*106.371*	*09/04/2000*
A25UAGE00A	*106.511*	*09/04/2000*
A25UAGE00B	*106.511*	*09/04/2000*
A25UAGE03G	*106.511*	*09/04/2000*
A25UAGE03H	*106.511*	*09/04/2000*
A25UAGE03I	*106.511*	*09/04/2000*
A25UAGE07C	*106.511*	*09/04/2000*
A25UAGE508	*106.511*	*09/04/2000*
A5UAGE500A	*106.511*	*09/04/2000*
A5UAGE500E	*106.511*	*09/04/2000*
A70UAGE00B	*106.511*	*09/04/2000*
A70UAGE00C	*106.511*	*09/04/2000*
A91UAGE01D	*106.511*	*09/04/2000*
A91UAGE01F	*106.511*	*09/04/2000*
B12UBGE00A	*106.511*	*09/04/2000*
B12UBGE00C	*106.511*	*09/04/2000*

Permit By Rule Supplemental Table (Page 2 continued)
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
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B14UBGE400	*106.511*	*09/04/2000*
B18UBGE800	*106.511*	*09/04/2000*
B20UBGE000	*106.511*	*09/04/2000*
B33INGEAUX	*106.511*	*09/04/2000*
B36UBGE10C	*106.511*	*09/04/2000*
B36UBGE10E	*106.511*	*09/04/2000*
B3UBGE307A	*106.511*	*09/04/2000*
B3UBGE309	*106.511*	*09/04/2000*
B3UBGE309E	*106.511*	*09/04/2000*
B5UBGE516D	*106.511*	*09/04/2000*
B5UBGE516E	*106.511*	*09/04/2000*
B64UBGE401	*106.511*	*09/04/2000*
B71UBGE00D	*106.511*	*09/04/2000*
B73UBGE00D	*106.511*	*09/04/2000*
B73UBGE00E	*106.511*	*09/04/2000*
B87UBGE700	*106.511*	*09/04/2000*

Permit By Rule Supplemental Table (Page 2 continued)
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
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B8UBGE830	*106.511*	*09/04/2000*
OC1U1GE60C	*106.511*	*09/04/2000*
OC2U2GE122	*106.511*	*09/04/2000*
OC4U4GE000	*106.511*	*09/04/2000*
OC4U4GE502	*106.511*	*09/04/2000*
OC4U4GE505	*106.511*	*09/04/2000*
OC6U6GE02A	*106.511*	*09/04/2000*
OC6U6GE02B	*106.511*	*09/04/2000*
A25UAST250	*106.472*	*09/04/2000*
A25UAST25A	*106.472*	*09/04/2000*
A25UAST25B	*106.472*	*09/04/2000*
A25UAST25	*106.472*	*09/04/2000*
A25UAST500	*106.472*	*09/04/2000*
A70UAST70A	*106.472*	*09/04/2000*
A91UAST91A	*106.472*	*09/04/2000*
A91UAST91B	*106.472*	*09/04/2000*

Permit By Rule Supplemental Table (Page 2 continued)
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
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
B14UBST14A	*106.472*	*09/04/2000*
B18UBST18B	*106.472*	*09/04/2000*
B36UBST36A	*106.472*	*09/04/2000*
B36UBST36B	*106.472*	*09/04/2000*
B3UBST309A	*106.472*	*09/04/2000*
B5UBST516A	*106.472*	*09/04/2000*
B5UBST516B	*106.472*	*09/04/2000*
B64UBST640	*106.472*	*09/04/2000*
B71UBST71A	*106.472*	*09/04/2000*
B73UBST73A	*106.472*	*09/04/2000*
B73UBST73B	*106.472*	*09/04/2000*
B8UBST830A	*106.472*	*09/04/2000*
OC1UOST36	*106.472*	*09/04/2000*
OC2UOST24	*106.472*	*09/04/2000*
OC4UOST10	*106.472*	*09/04/2000*
OC4UOST17	*106.472*	*09/04/2000*

Permit By Rule Supplemental Table (Page 2 continued)
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
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date
OC4UOST30	*106.472*	*09/04/2000*
OC6UOST15	*106.472*	*09/04/2000*
B33EISC329	*106.454*	*07/08/1998* *11/01/2001*
B50SC5008	*106.454*	*07/08/1998* *11/01/2001*
A27ARST200	*106.533*	*03/14/1997* *07/04/2004*
A27ARST202	*106.533*	*03/14/1997* *07/04/2004*
A27ARST204	*106.533*	*03/14/1997* *07/04/2004*
A27ELFU1	*106.533*	*03/14/1997* *07/04/2004*
A27ELLR1	*106.533*	*03/14/1997* *07/04/2004*
OC5SV403	*106.532*	*09/04/2000*
OC5SV404	*106.532*	*09/04/2000*
B3329 Sandblaster	*106.452*	*09/04/2000*

Permit By Rule Supplemental Table (Page 3 continued)
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
April 29, 2024	O2211	RN100225945

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

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B34VMTO210	*106.261 106.262*	*104045*	***Flameless Thermal Oxidizer (FTO) will continue to meet the monitoring and recordkeeping requirements of NSR 46428 SCs 5 through 14 (permit issue date 05/29/2018).***
B34VMFU02	*106.261 106.262*	*154590*	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28PI as required by NSR 46428 SC 15 and 16 (permit issue date 05/29/2018).***
B33INCT100	*106.371*	*09/04/2000*	***Maintain PBR documentation.***
B8MBFU180	*106.261 106.262*	*109043*	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).***
B33INFU1	*106.261 106.262*	*109043*	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).***
B33INFU1	*106.261 106.262*	*141281*	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).***
B33INFU1	*106.261 106.262*	*149980*	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).***
B33INFU1	*106.261 106.262*	*152213*	***New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program 28VHP and 28AVO as required by NSR 313 SC 18 and 19 (permit issue date 08/06/2021).***
A25UAGE00A	*106.511*	*09/04/2000*	***Maintain records of operation.***
A25UAGE00B	*106.511*	*09/04/2000*	***Maintain records of operation.***

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
A25UAGE03G	*106.511*	*09/04/2000*	*Maintain records of operation.*
A25UAGE03H	*106.511*	*09/04/2000*	*Maintain records of operation.*
A25UAGE03I	*106.511*	*09/04/2000*	*Maintain records of operation.*
A25UAGE07C	*106.511*	*09/04/2000*	*Maintain records of operation.*
A25UAGE508	*106.511*	*09/04/2000*	*Maintain records of operation.*
A5UAGE500A	*106.511*	*09/04/2000*	*Maintain records of operation.*
A5UAGE500E	*106.511*	*09/04/2000*	*Maintain records of operation.*
A70UAGE00B	*106.511*	*09/04/2000*	*Maintain records of operation.*
A70UAGE00C	*106.511*	*09/04/2000*	*Maintain records of operation.*
A91UAGE01D	*106.511*	*09/04/2000*	*Maintain records of operation.*
A91UAGE01F	*106.511*	*09/04/2000*	*Maintain records of operation.*
B12UBGE00A	*106.511*	*09/04/2000*	*Maintain records of operation.*
B12UBGE00C	*106.511*	*09/04/2000*	*Maintain records of operation.*
B14UBGE400	*106.511*	*09/04/2000*	*Maintain records of operation.*
B18UBGE800	*106.511*	*09/04/2000*	*Maintain records of operation.*
B20UBGE000	*106.511*	*09/04/2000*	*Maintain records of operation.*

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B33INGEAUX	*106.511*	*09/04/2000*	*Maintain records of operation.*
B36UBGE10C	*106.511*	*09/04/2000*	*Maintain records of operation.*
B36UBGE10E	*106.511*	*09/04/2000*	*Maintain records of operation.*
B3UBGE307A	*106.511*	*09/04/2000*	*Maintain records of operation.*
B3UBGE309	*106.511*	*09/04/2000*	*Maintain records of operation.*
B3UBGE309E	*106.511*	*09/04/2000*	*Maintain records of operation.*
B5UBGE516D	*106.511*	*09/04/2000*	*Maintain records of operation.*
B5UBGE516E	*106.511*	*09/04/2000*	*Maintain records of operation.*
B64UBGE401	*106.511*	*09/04/2000*	*Maintain records of operation.*
B71UBGE00D	*106.511*	*09/04/2000*	*Maintain records of operation.*
B73UBGE00D	*106.511*	*09/04/2000*	*Maintain records of operation.*
B73UBGE00E	*106.511*	*09/04/2000*	*Maintain records of operation.*
B87UBGE700	*106.511*	*09/04/2000*	*Maintain records of operation.*
B8UBGE830	*106.511*	*09/04/2000*	*Maintain records of operation.*
OC1U1GE60C	*106.511*	*09/04/2000*	*Maintain records of operation.*
OC2U2GE122	*106.511*	*09/04/2000*	*Maintain records of operation.*

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OC4U4GE000	*106.511*	*09/04/2000*	***Maintain records of operation.***
OC4U4GE502	*106.511*	*09/04/2000*	***Maintain records of operation.***
OC4U4GE505	*106.511*	*09/04/2000*	***Maintain records of operation.***
OC6U6GE02A	*106.511*	*09/04/2000*	***Maintain records of operation.***
OC6U6GE02B	*106.511*	*09/04/2000*	***Maintain records of operation.***
A25UAST250	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A25UAST25A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A25UAST25B	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A25UAST25	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A25UAST500	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A70UAST70A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A91UAST91A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
A91UAST91B	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B14UBST14A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B18UBST18B	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B36UBST36A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B36UBST36B	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B3UBST309A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B5UBST516A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B5UBST516B	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B64UBST640	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B71UBST71A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B73UBST73A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B73UBST73B	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
B8UBST830A	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
OC1UOST36	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
OC2UOST24	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
OC4UOST10	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
OC4UOST17	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
OC4UOST30	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*
OC6UOST15	*106.472*	*09/04/2000*	*Maintain records of tank service and annual throughput.*

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

Date	Permit Number	Regulated Entity Number
April 29, 2024	O2211	RN100225945

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
B33EISC329	*106.454*	*07/08/1998 11/01/2001*	*Maintain records of solvent makeup.*
B50SC5008	*106.454*	*07/08/1998 11/01/2001*	*Maintain records of solvent makeup.*
A27ARST200	*106.533*	*03/14/1997 07/04/2004*	*Maintain PBR documentation.*
A27ARST202	*106.533*	*03/14/1997 07/04/2004*	*Maintain PBR documentation.*
A27ARST204	*106.533*	*03/14/1997 07/04/2004*	*Maintain PBR documentation.*
A27ELFU1	*106.533*	*03/14/1997 07/04/2004*	*Maintain PBR documentation.*
A27ELLR1	*106.533*	*03/14/1997 07/04/2004*	*Maintain PBR documentation.*
Bulb Crusher	*106.262*	*91883*	*Maintain PBR documentation to demonstrate emissions are in compliance with 106.262(a)(2).*
OC5SV403	*106.532*	*09/04/2000*	*Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).*
OC5SV404	*106.532*	*09/04/2000*	*Maintain records of the functions performed at the facility to ensure compliance with 106.532(1).*
Bulb Crusher	*106.262*	*169309*	*Maintain PBR documentation to demonstrate emissions are in compliance with 106.262(a)(2).*
B3329 Sandblaster	*106.452*	*09/04/2000*	*Maintain records of blast media usage.*

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

Date: April 29, 2024	**Regulated Entity No.**: RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

- 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(e)(9).

Part 1

A.	**Compliance Plan — Future Activity Committal Statement**
The *Responsible Official* commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.	

B.	**Compliance Certification — Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)**	
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	☒ YES ☐ NO
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ☒ NO
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)*	
*	*For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.* *For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.* *Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.*	

Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page1)
Federal Operating Permit Program

Date:	**April 29, 2024**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
B33INST410	63EEEE-01					Please add 40 CFR Part 63, Subpart EEEE High-Level Applicability.
B33INST420	63EEEE-01					Please add 40 CFR Part 63, Subpart EEEE High-Level Applicability.
B33INST430	63EEEE-01					Please add 40 CFR Part 63, Subpart EEEE High-Level Applicability.
B33INST440	63EEEE-01					Please add 40 CFR Part 63, Subpart EEEE High-Level Applicability.
B33INST450	63EEEE-01					Please add 40 CFR Part 63, Subpart EEEE High-Level Applicability.
B33INST460	63EEEE-01					Please add 40 CFR Part 63, Subpart EEEE High-Level Applicability.
B34VMTO210	61FF-01					Dow requests generic high-level applicability for 40 CFR Part 61, Subpart FF
B34VMTO210	63NNNNN-01					Dow requests low level applicability for 40 CFR Part 63, Subpart NNNNN (HCl Production) as indicated on the attached OP-REQ3. TCEQ does not intend to develop flowcharts for this regulation since there are less than 5 sites in Texas with applicability for this regulation.

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

Date:	**April 29, 2024**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
A25UACE08	***R7ICI-01***				***EMERG***	***DSL***			
A25UAGE00A	R7ICI-01				EMERG	NG			
A25UAGE00B	R7ICI-01				EMERG	DSL			
A25UAGE03G	R7ICI-01				EMERG	DSL			
A25UAGE03H	R7ICI-01				EMERG	DSL			
A25UAGE03I	R7ICI-01				EMERG	DSL			
A25UAGE07C	R7ICI-01				D2001+				
A25UAGE508	R7ICI-01				D2001+				
A5UAGE500A	R7ICI-01				EMERG	DSL			
A5UAGE500E	R7ICI-01				EMERG	DSL			
A70UAGE00B	R7ICI-01				EMERG	DSL			

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
A70UAGE00C	R7ICI-01				EMERG	DSL			
A91UAGE01D	R7ICI-01				EMERG	DSL			
A91UAGE01F	R7ICI-01				EMERG	DSL			
B12UBGE00A	R7ICI-01				EMERG	DSL			
B12UBGE00C	R7ICI-01				EMERG	DSL			
B14UBGE400	R7ICI-01				EMERG	DSL			
B18UBGE800	R7ICI-01				EMERG	DSL			
B20UBGE000	R7ICI-01				EMERG	DSL			
B33INGEAUX	R7ICI-01				D2001+				
B36UBGE10C	R7ICI-01				EMERG	DSL			
B36UBGE10E	R7ICI-01				EMERG	DSL			

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B3UBGE307A	R7ICI-01				D2001+				
B3UBGE309	R7ICI-01				EMERG	DSL			
B3UBGE309E	R7ICI-01				EMERG	DSL			
B5UBGE516D	R7ICI-01				EMERG	DSL			
B5UBGE516E	R7ICI-01				EMERG	DSL			
B64UBGE401	R7ICI-01				EMERG	DSL			
B71UBGE00D	R7ICI-01				EMERG	DSL			
B73UBGE00D	R7ICI-01				EMERG	DSL			
B73UBGE00E	R7ICI-01				EMERG	DSL			
B87UBGE700	R7ICI-01				D2001+				
B8UBGE830	R7ICI-01				EMERG	DSL			

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
OC1UOGE1	***R7ICI-01***				***EMERG***	***DSL***			
OC1U1GE60C	R7ICI-01				EMERG	DSL			
OC2U2GE122	R7ICI-01				EMERG	DSL			
OC4U4GE000	R7ICI-01				EMERG	DSL			
OC4U4GE502	R7ICI-01				EMERG	DSL			
OC4U4GE505	R7ICI-01				EMERG	DSL			
OC6UOGE004	***R7ICI-01***				***EMERG***	***DSL***			
OC6U6GE02A	R7ICI-01				D2001+				
OC6U6GE02B	R7ICI-01				D2001+				

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 4)
Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
A25UACE08	***63ZZZZ-1***	***MAJOR***	***100-250***	***06+***		***EMER-A***	
A25UAGE00A	63ZZZZ-1	MAJOR	250-300	02-		EMER-A	2SLB
A25UAGE00B	63ZZZZ-1	MAJOR	300-500	02-		EMER-A	CI
A25UAGE07C	63ZZZZ-1	MAJOR	100-250	06+		EMER-A	
A25UAGE508	63ZZZZ-1	MAJOR	100-250	02-06		EMER-A	CI
A5UAGE500A	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
A5UAGE500E	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
A70UAGE00B	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
A70UAGE00C	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
A91UAGE01D	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
A91UAGE01F	63ZZZZ-1	MAJOR	300-500	02-		EMER-A	CI

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 4)
Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
B12UBGE00A	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	2SLB
B12UBGE00C	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	2SLB
B14UBGE400	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
B18UBGE800	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
B20UBGE000	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	2SLB
B33INGEAUX	63ZZZZ-1	MAJOR	100-	02-		EMER-A	4SRB
B36UBGE10C	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
B36UBGE10E	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
B3UBGE307A	63ZZZZ-1	MAJOR	100-250	06+		EMER-A	
B71UBGE00D	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
B87UBGE700	63ZZZZ-1	MAJOR	100-250	02-06		EMER-A	CI

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 4)
Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
B8UBGE830	63ZZZZ-1	MAJOR	100-250	02-		EMER-A	CI
OC1UOGE1	***63ZZZZ-1***	***MAJOR***	***300-500***	***06+***		***EMER-A***	
OC2U2GE122	63ZZZZ-1	MAJOR	300-500	02-		EMER-A	CI
OC4U4GE000	63ZZZZ-1	MAJOR	300-500	02-		EMER-A	CI
OC4U4GE502	63ZZZZ-1	MAJOR	300-500	02-		EMER-A	CI
OC4U4GE505	63ZZZZ-1	MAJOR	300-500	02-		EMER-A	CI
OC6UOGE004	***63ZZZZ-1***	***MAJOR***	***300-500***	***06+***		***EMER-A***	
OC6U6GE02A	63ZZZZ-1	MAJOR	300-500	06+		EMER-A	
OC6U6GE02B	63ZZZZ-1	MAJOR	300-500	06+		EMER-A	

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 10)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	54TApplicability Date	Exemptions	Service	Commencing	Manufacture Date
A25UAGE07C	60IIII-01	2005+	NONE	EMERG	CON	0406+

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)
Federal Operating Permit Program
Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
A25UAGE07C	60IIII-01	DIESEL		10-CS		2007	

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 12)
Federal Operating Permit Program
Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
A25UAGE07C	60IIII-01	E75-135		NO	NO			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels
(Including Petroleum Liquid Storage Vessels)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
B33INST410	60Kb-01	VOL	20K-40K		4.0-11.1	CVS-CD			B33INS1	
B33INST420	60Kb-01	VOL	20K-40K		4.0-11.1	CVS-CD			B33INS1	
B33INST430	60Kb-01	VOL	20K-40K		4.0-11.1	CVS-CD			B33INS1	
B33INST440	60Kb-01	VOL	20K-40K		4.0-11.1	CVS-CD			B33INS1	
B33INST450	60Kb-01	VOL	20K-40K		4.0-11.1	CVS-CD			B33INS1	
B33INST460	60Kb-01	VOL	20K-40K		4.0-11.1	CVS-CD			B33INS1	

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
Federal Operating Permit Program
Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
A16ST100	R5112-01	NO		VOC1	A25K-40K			
A25UAST250	R5112-01	NO		VOC1	A1K-25K			
A25UAST25B	R5112-01	NO		VOC1	A1K-25K			
A25UAST500	R5112-01	NO		VOC1	A1K-25K			
A70UAST70A	R5112-01	NO		VOC1	A1K-25K			
A91UAST91A	R5112-01	NO		VOC1	A1K-25K			
A91UAST91B	R5112-01	NO		VOC1	A1K-25K			
B18UBST18B	R5112-01	NO		VOC1	A1K-25K			
B33INST410	R5112-01	NO		VOC1	A1K-25K			
B33INST420	R5112-01	NO		VOC1	A1K-25K			
B33INST430	R5112-01	NO		VOC1	A1K-25K			
B33INST440	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)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
B33INST450	R5112-01	NO		VOC1	A1K-25K			
B33INST460	R5112-01	NO		VOC1	A1K-25K			
B36UBST36A	R5112-01	NO		VOC1	A1K-25K			
B36UBST36B	R5112-01	NO		VOC1	A1K-25K			
B3UBST309A	R5112-01	NO		VOC1	A1K-25K			
B73UBST73A	R5112-01	NO		VOC1	A1K-25K			
B73UBST73B	R5112-01	NO		VOC1	A1K-25K			
B8MBSTV2	R5112-01	NO		VOC1	A1K-25K			
B8MBSTV4	R5112-01	NO		VOC1	A40K+			
B8MBSTV5	R5112-01	NO		VOC1	A40K+			
B8UBST830A	R5112-01	NO		VOC1	A1K-25K			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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.
A16ST100	R5112-01		NONE1	1-1.5				
A25UAST250	R5112-01		NONE1	1-				
A25UAST25B	R5112-01		NONE1	1-				
A25UAST500	R5112-01		NONE1	1-				
A70UAST70A	R5112-01		NONE1	1-				
A91UAST91A	R5112-01		NONE1	1-				
A91UAST91B	R5112-01		NONE1	1-				
B18UBST18B	R5112-01		NONE1	1-				
B33INST410	R5112-01		VRS1	1.5+A			DIRINC	B33INS1
B33INST420	R5112-01		VRS1	1.5+A			DIRINC	B33INS1
B33INST430	R5112-01		VRS1	1.5+A			DIRINC	B33INS1
B33INST440	R5112-01		VRS1	1.5+A			DIRINC	B33INS1

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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.
B33INST450	R5112-01		VRS1	1.5+A			DIRINC	B33INS1
B33INST460	R5112-01		VRS1	1.5+A			DIRINC	B33INS1
B36UBST36A	R5112-01		NONE1	1-				
B36UBST36B	R5112-01		NONE1	1-				
B3UBST309A	R5112-01		NONE1	1-				
B73UBST73A	R5112-01		NONE1	1-				
B73UBST73B	R5112-01		NONE1	1-				
B8MBSTV2	R5112-01		VRS1	1.5+A			VRU	B8MBTO180
B8MBSTV4	R5112-01		VRS1	1.5+A			VRU	B8MBTO180
B8MBSTV5	R5112-01		VRS1	1.5+A			VRU	B8MBTO180
B8UBST830A	R5112-01		NONE1	1-				

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 9)
Federal Operating Permit Program
Table 8a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Subject to Another Subpart of 40 CFR Part 61 or 63	HAP < 1 MG Per Year	Numerical Concentration Limits	Treated Organic Hazardous Constituents	Air Emission Controls	Direct Measurement	Biological Treatment	Efficiency ≥ 95%
B33INST410	63DD-01	NO	NO	NO	NO	YES		NO	
B33INST420	63DD-01	NO	NO	NO	NO	YES		NO	
B33INST430	63DD-01	NO	NO	NO	NO	YES		NO	
B33INST440	63DD-01	NO	NO	NO	NO	YES		NO	
B33INST450	63DD-01	NO	NO	NO	NO	YES		NO	
B33INST460	63DD-01	NO	NO	NO	NO	YES		NO	
B8MBSTV2	63DD-01	NO	NO	NO	NO	YES		NO	
B8MBSTV4	63DD-01	NO	NO	NO	NO	YES		NO	
B8MBSTV5	63DD-01	NO	NO	NO	NO	YES		NO	

Storage Tank/Vessel Attributes
Form OP-UA3 (Page10)
Federal Operating Permit Program
Table 8b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Bulk Feed	Existing Source	Tank Emissions Control	Level 2 Controls	Closed Vent System	Tank Type	Inspected and Monitored	Bypass Device	Flow Meter	Design Analysis
B33INST410	63DD-01	NO	YES	CVS			CVS/CD	YES	YES	NO	YES
B33INST420	63DD-01	NO	YES	CVS			CVS/CD	YES	YES	NO	YES
B33INST430	63DD-01	NO	YES	CVS			CVS/CD	YES	YES	NO	YES
B33INST440	63DD-01	NO	YES	CVS			CVS/CD	YES	YES	NO	YES
B33INST450	63DD-01	NO	YES	CVS			CVS/CD	YES	YES	NO	YES
B33INST460	63DD-01	NO	YES	CVS			CVS/CD	YES	YES	NO	YES
B8MBSTV2	63DD-01	NO	YES	CVS			CVS/CD	YES	NO		YES
B8MBSTV4	63DD-01	NO	YES	CVS			CVS/CD	YES	NO		YES
B8MBSTV5	63DD-01	NO	YES	CVS			CVS/CD	YES	NO		YES

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 11)
Federal Operating Permit Program
Table 8c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	No Detectable Organic Emissions	Control Device Type	Control Device ID No.	Alternative Operating Parameters	AOP ID No.	HAP Recovery	Regenerable Carbon Adsorber	Complying with §63.693(d)(4)(iii)	Exhaust Stream Temp Monitor
B33INST410	63DD-01	YES	VAPTH	B33INS1	NO					
B33INST420	63DD-01	YES	VAPTH	B33INS1	NO					
B33INST430	63DD-01	YES	VAPTH	B33INS1	NO					
B33INST440	63DD-01	YES	VAPTH	B33INS1	NO					
B33INST450	63DD-01	YES	VAPTH	B33INS1	NO					
B33INST460	63DD-01	YES	VAPTH	B33INS1	NO					
B8MBSTV2	63DD-01	YES	VAPTH	B8MBTO180	NO					
B8MBSTV4	63DD-01	YES	VAPTH	B8MBTO180	NO					
B8MBSTV5	63DD-01	YES	VAPTH	B8MBTO180	NO					

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 12)
Federal Operating Permit Program
Table 8d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	HAP Destruction	Organic Monitoring Device	Meets 40 CFR §63.693(f)(1)(iii)	95% HAP Destruction	BPH TOC Destruction	95% TOC Destruction	Meets 40 CFR §63.693(g)(1)(iii)	Introduced with Fuel	Continuous Temperature Monitoring System
B33INST410	63DD-01	YES	NO		YES					
B33INST420	63DD-01	YES	NO		YES					
B33INST430	63DD-01	YES	NO		YES					
B33INST440	63DD-01	YES	NO		YES					
B33INST450	63DD-01	YES	NO		YES					
B33INST460	63DD-01	YES	NO		YES					
B8MBSTV2	63DD-01	YES	NO		YES					
B8MBSTV4	63DD-01	YES	NO		YES					
B8MBSTV5	63DD-01	YES	NO		YES					

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)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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.
B33INST410	61FF-01	YES	NO				NO	
B33INST420	61FF-01	YES	NO				NO	
B33INST430	61FF-01	YES	NO				NO	
B33INST440	61FF-01	YES	NO				NO	
B33INST450	61FF-01	YES	NO				NO	
B33INST460	61FF-01	YES	NO				NO	
B8MBSTV2	61FF-01	YES	NO				NO	
B8MBSTV4	61FF-01	YES	NO				NO	
B8MBSTV5	61FF-01	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)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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.
B33INST410	61FF-01	CVS-CD	NO		NO	NO	
B33INST420	61FF-01	CVS-CD	NO		NO	NO	
B33INST430	61FF-01	CVS-CD	NO		NO	NO	
B33INST440	61FF-01	CVS-CD	NO		NO	NO	
B33INST450	61FF-01	CVS-CD	NO		NO	NO	
B33INST460	61FF-01	CVS-CD	NO		NO	NO	
B8MBSTV2	61FF-01	CVS-CD	NO		NO	NO	
B8MBSTV4	61FF-01	CVS-CD	NO		NO	NO	
B8MBSTV5	61FF-01	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)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B33INST410	61FF-01	YES	YES	THERM95	B33INS1	NO	NO	
B33INST420	61FF-01	YES	YES	THERM95	B33INS1	NO	NO	
B33INST430	61FF-01	YES	YES	THERM95	B33INS1	NO	NO	
B33INST440	61FF-01	YES	YES	THERM95	B33INS1	NO	NO	
B33INST450	61FF-01	YES	YES	THERM95	B33INS1	NO	NO	
B33INST460	61FF-01	YES	YES	THERM95	B33INS1	NO	NO	
B8MBSTV2	61FF-01	YES	YES	B44-95	B8MBTO180	NO	NO	
B8MBSTV4	61FF-01	YES	YES	B44-95	B8MBTO180	NO	NO	
B8MBSTV5	61FF-01	YES	YES	B44-95	B8MBTO180	NO	NO	

Loading/Unloading Operations Attributes
Form OP-UA4 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	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
B33UL410	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B33UL420	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B33UL430	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B33UL440	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B33UL450	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B33UL460	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B33US500	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS
B33US501	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS
B33US502	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS
B33US503	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS

Loading/Unloading Operations Attributes
Form OP-UA4 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	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
B33US504	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS
B33US510	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS
B33US511	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	PLS
B35EWTLRCL	R5211-01	OTHER	213B		VOC1	LOAD	0.5-11S	NCE2	BAL
B8MBULRC1	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B8MBULV2	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B8MBULV4	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B8MBULV5	R5211-01	OTHER	NONE		VOC1	UNLOAD	0.5+	NCE2	
B8TOLR824	R5211-01	OTHER	213B		VOC1	BOTH	0.5-11S	NCE2	BAL

Loading/Unloading Operations Attributes
Form OP-UA4 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	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
B33UL410	R5211-01	NONE		NO				
B33UL420	R5211-01	NONE		NO				
B33UL430	R5211-01	NONE		NO				
B33UL440	R5211-01	NONE		NO				
B33UL450	R5211-01	NONE		NO				
B33UL460	R5211-01	NONE		NO				
B33US500	R5211-01	NONE		NO				
B33US501	R5211-01	NONE		NO				
B33US502	R5211-01	NONE		NO				
B33US503	R5211-01	NONE		NO				
B33US504	R5211-01	NONE		NO				
B33US510	R5211-01	NONE		NO				
B33US511	R5211-01	NONE		NO				

Loading/Unloading Operations Attributes
Form OP-UA4 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	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
B35EWTLRCL	R5211-01	COMB	B35EWS200	NO				
B8MBULRC1	R5211-01	NONE		NO				
B8MBULV2	R5211-01	NONE		NO				
B8MBULV4	R5211-01	NONE		NO				
B8MBULV5	R5211-01	NONE		NO				
B8TOLR824	R5211-01	NONE		YES				

Process Heater/Furnace Attributes
Form OP-UA5 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B8MBTO180	R7ICI-01	BIF	40-100			NG			28+	310D		

Process Heater/Furnace Attributes
Form OP-UA5 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B8MBTO180	R7ICI-01	NO		30DAY	NONE			MERT

Process Heater/Furnace Attributes
Form OP-UA5 (Page 3)
Federal Operating Permit Program
Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
B8MBTO180	R7ICI-01	X40A				

Process Heater/Furnace Attributes
Form OP-UA5 (Page 8)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standard	CO/THC Standard	TOT-Cl Standard
B8MBTO180	63EEE-01	YES	NO		CO-1	CO-5	PPMV-6

Process Heater/Furnace Attributes
Form OP-UA5 (Page 9)
Federal Operating Permit Program
Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone
B8MBTO180	63EEE-01	NO		NO	NO	

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Construction/ Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO_2	ACF Option PM	30% Coal Duct Burner
B34VMTO210	60Dc-01	89-05	10-100	NONE	30-75	OTHER			OTHR	OTHR	NO
B35EWS200	60Dc-01	89-05	10-100	NONE	30-75	NG			OTHR	OTHR	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 12)
Federal Operating Permit Program
Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO_2 Inlet	Monitoring Type SO_2 Outlet	Technology Type	43CE-Option	47C-Option
B34VMTO210	60Dc-01	NONE	NONE	NONE	NONE		
B35EWS200	60Dc-01	NONE	NONE	NONE	NONE		

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 11)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B33INFU2	R5352-ALL				
B34VMFU02	R5352-ALL				
B35EWFU2	R5352-ALL				
B8MBFU2	R5352-ALL				

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 22)
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)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

		Title 40 CFR Part 61, Subpart V			Fugitive Unit	Component	
		Any Component					
Unit ID No.	SOP Index No.	Vacuum Service	VHAP Service	Pumps	AMEL	AMEL ID No.	Complying with § 61.242-2
B33INFU1	61J-ALL						

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 52)
Federal Operating Permit Program
Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart J: National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Design Capacity	Any Component in Benzene Service	AMEL	AMEL ID No.
B33INFU1	61V-ALL				

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 70)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Equipment Type	Non Research and Development/Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL
B33INFU2	63H-ALL						
B34VMFU02	63H-ALL						
B35EWFU2	63H-ALL						
B8MBFU2	63H-ALL						

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 138)
Federal Operating Permit Program
Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B33INFU1	R5780-ALL						
B33INFU2	R5780-ALL						
B34VMFU02	R5780-ALL						
B8MBFU180	R5780-ALL						

Texas Commission on Environmental Quality
Cooling Tower Attributes
Form OP-UA13 (Page 3)
Federal Operating Permit Program
Table 3a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 2: Cooling Tower Heat Exchange Systems

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
B33INCT100	R5760-01	PSF100-			

Water Separator Attributes
Form OP-UA14 (Page 1)
Federal Operating Permit Program
Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Water Separation
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	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.
B35EWPT910	R5132-01	NO		NONE	VAP	DFINC	B35EWS200
~~B35EWPT910~~	~~R5132-02~~	~~NO~~		~~NONE~~	~~VAP~~	~~DFINC~~	~~B35EWS201~~
~~B35EWSP930~~	~~R5132-01~~	~~NO~~		~~NONE~~	~~VAP~~	~~DFINC~~	~~B35EWS200~~
B35EWSP940	R5132-01	NO		NONE	VAP	DFINC	B35EWS200
B35EWSP970	R5131-01	NO		NONE	VAP	DFINC	B35EWS200
B35EWST33	R5131-01	NO		NONE	VAP	DFINC	B35EWS200
B35EWST33	R5131-02	NO		NONE	VAP	DFINC	B35EWS201
B35RSSP935	R5131-01	NO		NONE	VAP	DFINC	B35EWS200
B35RSSP945	R5131-01	NO		NONE	VAP	DFINC	B35EWS200
B35RSSP955	R5131-01	NO		NONE	VAP	DFINC	B35EWS200
B35RSSP965	R5132-01	NO		NONE	VAP	DFINC	B35EWS200

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
A25UAGE00A	R1111-01	NO		OTHER	NONE	72-	100-
A25UAGE00B	R1111-01	NO		OTHER	NONE	72-	100-
A5UAGE500A	R1111-01	NO		OTHER	NONE	72-	100-
A91UAGE01D	R1111-01	NO		OTHER	NONE	72-	100-
B5UBGE516D	R1111-01	NO		OTHER	NONE	72-	100-
B5UBGE516E	R1111-01	NO		OTHER	NONE	72-	100-
B73UBGE00D	R1111-01	NO		OTHER	NONE	72-	100-
B73UBGE00E	R1111-01	NO		OTHER	NONE	72-	100-

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B33INS1	R5121-01	NO	NO	REGVAPPL				
B34VMTO210	R5121-01	NO	NO	REGVAPPL				
B35EWS200	R5121-01	NO	NO	REGVAPPL				
B8MBTO180	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
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
B33INS1	R5121-01	NONE		DIRFLM	B33INS1
B34VMTO210	R5121-01	NONE		DIRFLM	B34VMTO210
B35EWS200	R5121-01	NONE		DIRFLM	B35EWS200
B8MBTO180	R5121-01	NONE		DIRFLM	B8MBTO180

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 13)
Federal Operating Permit Program
Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Emission Point ID No.	SOP Index No.	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
B33INS1	63G-01	NONE	YES							
B34VMTO210	63G-01	NONE	YES							
B35EWS200	63G-01	NONE	YES							
B8MBTO180	63G-01	NONE	YES							

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 14)
Federal Operating Permit Program
Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Emission Point ID No.	SOP Index No.	Control Device	Control Device ID No.	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
B33INS1	63G-01	HAZINC	B33INS1	YES		SCRUB	92-	YES
B34VMTO210	63G-01	BPH44-	B34VMTO210	YES		SCRUB	92+	YES
B35EWS200	63G-01	FUEL	B35EWS200	YES		SCRUB	92+	YES
B8MBTO180	63G-01	BPH-HAZ	B8MBTO180	YES		SCRUB	92-	YES

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 15)
Federal Operating Permit Program
Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Emission Point ID No.	SOP Index No.	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No.	Bypass Lines	Flow Indicator
B33INS1	63G-01	NO		NOALT		YES	NO
B34VMTO210	63G-01	NO		NOALT		YES	NO
B35EWS200	63G-01	NO		NOALT		YES	NO
B8MBTO180	63G-01	NO		NOALT		NO	NO

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
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	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
B33EISC329	R5412-01	COLD	NO		YES	0.6-	NO	NO	16+	YES		
B50SC5008	R5412-01	COLD	NO		YES	0.6-	NO	NO	16+	YES		

Texas Commission on Environmental Quality
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: April 29, 2024	**Permit No.:** O2211	**Regulated Entity No.:** RN100225945
Area Name: Environmental Operations		**CN Number:** CN600356976

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.
A16ELLR1	R5142-01	NO	NO		NO	NO	
A16ELST27	R5142-01	NO	NO		NO	NO	
A27ARST200	R5142-01	NO	NO		NO	NO	
A27ARST202	R5142-01	NO	NO		NO	NO	
A27ARST204	R5142-01	NO	NO		NO	NO	
A27ELLR1	R5142-01	NO	NO		NO	NO	
A42D101	R5142-01	NO	NO		NO	NO	
A42D102	R5142-01	NO	NO		NO	NO	
A42ELLR1	R5142-01	NO	NO		NO	NO	
A42ELWT1	R5142-01	NO	NO		NO	NO	
B47ELLR1	R5142-01	NO	NO		NO	NO	
B47ENVST1	R5142-01	NO	NO		NO	NO	

Texas Commission on Environmental Quality
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: April 29, 2024	**Permit No.:** O2211	**Regulated Entity No.:** RN100225945
Area Name: Environmental Operations		**CN Number:** CN600356976

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.
B47ENVST2	R5142-01	NO	NO		NO	NO	
GRP-IWW	R5142-01	NO	NO		NO	NO	

Texas Commission on Environmental Quality
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: April 29, 2024	**Permit No.:** O2211	**Regulated Entity No.:** RN100225945
Area Name: Environmental Operations		**CN Number:** CN600356976

Unit ID No.	SOP Index No.	Wastewater Component Type	Roof or Seal Type	Control Devices	Control Device ID No.	Monitoring Type
A16ELLR1	R5142-01	OTHER	NONE	VAPCOMB	A16CET01	NO
A16ELST27	R5142-01	OTHER	NONE	VAPCOMB	A16CET01	NO
A27ARST200	R5142-01	OTHER	NONE	CARB	A27CB2	NO
A27ARST202	R5142-01	OTHER	NONE	CARB	A27CB2	NO
A27ARST204	R5142-01	OTHER	NONE	CARB	A27CB2	NO
A27ELLR1	R5142-01	OTHER	NONE	CARB	A27CB2	NO
A42D101	R5142-01	OTHER	NONE	CARB	A42CB1	NO
A42D102	R5142-01	OTHER	NONE	CARB	A42CB1	NO
A42ELLR1	R5142-01	OTHER	NONE	CARB	A42CB1	NO
A42ELWT1	R5142-01	OTHER	NONE	CARB	A42CB1	NO
B47ELLR1	R5142-01	OTHER	NONE	CARB	B47CB1	NO
B47ENVST1	R5142-01	OTHER	NONE	CARB	B47CB1	NO
B47ENVST2	R5142-01	OTHER	NONE	CARB	B47CB1	NO

Texas Commission on Environmental Quality
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: April 29, 2024	**Permit No.:** O2211	**Regulated Entity No.:** RN100225945
Area Name: Environmental Operations		**CN Number:** CN600356976

Unit ID No.	SOP Index No.	Wastewater Component Type	Roof or Seal Type	Control Devices	Control Device ID No.	Monitoring Type
GRP-IWW	R5142-01	EXEMPT				

Texas Commission on Environmental Quality
Incinerator Attributes
Yes, Form OP-UA35 (Page 2)
Federal Operating Permit Program
Table 2a: 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, Incinerators

Date:	**April 29, 2024**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**

Unit ID No.	SOP Index No.	Maximum Rated Capacity	NOx Emission Limitation	23C-Option	NOx Reduction	NOx Monitoring System	NOx Averaging Method
B33INS1	R7ICI-01	40-100	310		NONE	CEMS	
B34VMTO210	R7ICI-01	40-100	310		NONE	MERT	
B35EWS200	R7ICI-01	40-100	310		NONE	MERT	
B35EWS201	R7ICI-01	40-100	310		NONE	MERT	

Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 3)
Federal Operating Permit Program
Table 2b: 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, Incinerators

Date:	**April 29, 2024**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**

Unit ID No.	SOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
B33INS1	R7ICI-01	X40A2-A	310	CEMS		
B34VMTO210	R7ICI-01	X40A	310	SAMP		
B35EWS200	R7ICI-01	X40A	310	SAMP		
B35EWS201	R7ICI-01	X40A	310	SAMP		

Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 12)
Federal Operating Permit Program
Table 8a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors

Date:	**April 29, 2024**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**

Unit ID No.	SOP Index No.	Existing Source	Control System	Inlet Temp	Hg Feedrate	ALT Metals	MET Feedrate
B33INS1	63EEE-01	YES	YES	YES	YES	NO	YES

Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 13)
Federal Operating Permit Program
Table 8b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors

Date:	**April 29, 2024**
Permit No.:	**O2211**
Regulated Entity No.:	**RN100225945**

Unit ID No.	SOP Index No.	CO/THC Standard	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone
B33INS1	63EEE-01	CO-5	NO	YES	NO	NO	

Municipal Solid Waste Landfill/Waste Disposal Site Attributes
Form OP-UA44 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subchapter M: National Emission Standard for Asbestos
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Waste Disposal Site	Alternative Control Method	ACM ID No.	Emission Compliance
A3ENVLF1	61M-01	ACTIV	NO		15+B

Transfer System Unit Attributes
Form OP-UA55 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Unit ID No.	SOP Index No.	Subject to Another Subpart of 40 CFR Part 61 or 63	HAP < 1 MG Per Year	Numerical Concentration Limits	Treated Organic Hazardous Constituents	Air Emission Controls	Direct Measurement	Covers Used	Continuous Hard Piping	Inspected and Monitored	Bypass Device	Flow Meter
B33INTR1	63DD-01	NO	NO	NO	NO	YES		NO	YES			
B8MBTR1	63DD-01	NO	NO	NO	NO	YES		NO	YES			

Cleaning/Depainting Operation Attributes
Form OP-UA57 (Page 7)
Federal Operating Permit Program
Table 2: Title 30 Texas Administrative Code Chapter 115 (30TAC Chapter 115)
Subchapter E: Industrial Cleaning Solvents

Date: April 29, 2024	**Permit No.:** O2211	**Regulated Entity No.:** RN100225945
Area Name: Environmental Operations		**Customer Reference No.:** CN600356976

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
B33EISC329	R5460-01	115REQ							
B50SC5008	R5460-01	115REQ							
GRP1	R5460-01	NONE	NONE		VOC	NO			
GRP1	R5460-02	NONE	NONE		VAP	NO			

Texas Commission on Environmental Quality
Treatment Process Attributes
Form OP-UA58 (Page 1)
Federal Operating Permit Program
Table 1: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Process ID No.	SOP Index No.	Removal or Destruction Method	Control Device ID No.	Average VOHAP Concentration	VOHAP Reduction	Stream VOHAP Concentration	Efficiency > 95%	Destruction Method	Direct Measurement
PROIN33	63DD-01	INCIN	B33INS1						
PROMB824	63DD-01	BOILER	B8MBTO180						

Texas Commission on Environmental Quality
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 FF: National Emission Standard for Benzene Waste Operations (Treatment Processes)

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	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
PROIN33	61FF-01	NO		NO	NO	INCIN	YES	
PROMB824	61FF-01	NO		NO	NO	INCIN	NO	YES

Texas Commission on Environmental Quality
Treatment Process Attributes
Form OP-UA58 (Page 5)
Federal Operating Permit Program
Table 3a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants
From Synthetic Organic Chemical Manufacturing Industry Wastewater

Date	Permit No.:	Regulated Entity No.
April 29, 2024	O2211	RN100225945

Process ID No.	SOP Index No.	Series of Processes	Hard Piping	Compliance Under Title 40 CFR § 63.138(a)(7)(ii)	Series Design Evaluation	Biological Treatment Process	Wastewater Stream Designation	Wastewater Stream Treatment	Treatment Process Design Evaluation	Performance Test Exemption
PROIN33	R5-63G-01	NO				NONBIO	132E	RCRA		
PROMB824	R5-63G-01	NO				NONBIO	132E	RCRA		

Texas Commission on Environmental Quality
Treatment Process Attributes
Form OP-UA58 (Page 20)
Federal Operating Permit Program
Table 7a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

Date	Permit No.:	Regulated Entity No.

Process ID No.	SOP Index No.	Series of Processes	Hard Piping	Compliance Under Title 40 CFR § 63.138(a)(7)(ii)	Series Design Evaluation	Biological Treatment Process	Wastewater Stream Designation	Wastewater Stream Treatment
PROIN33	63FFFF-01	NO				NONBIO	YES	RCRA
PROMB824	63FFFF-01	NO				NONBIO	YES	RCRA

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: A25UAGE00A		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: A25UAGE00B		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: A5UAGE500A		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: A91UAGE01D		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33EISC329		
Applicable Form: OP-UA16		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Degreasing Processes		
SOP/GOP Index No.: R5412-01		
Pollutant: VOC		
Main Standard: 115.412(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-052		
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33INST410		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb		
SOP/GOP Index No.: 60Kb-01		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature of 850 Degree C when receiving vents from this tank.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33INST420		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb		
SOP/GOP Index No.: 60Kb-01		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature of 850 Degree C when receiving vents from this tank.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33INST430		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb		
SOP/GOP Index No.: 60Kb-01		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature of 850 Degree C when receiving vents from this tank.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33INST440		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb		
SOP/GOP Index No.: 60Kb-01		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature of 850 Degree C when receiving vents from this tank.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33INST450		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb		
SOP/GOP Index No.: 60Kb-01		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature of 850 Degree C when receiving vents from this tank.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B33INST460		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart Kb		
SOP/GOP Index No.: 60Kb-01		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A deviation is considered to be any monitoring data below a minimum temperature of 850 Degree C when receiving vents from this tank.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B50SC5008		
Applicable Form: OP-UA16		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Degreasing Processes		
SOP/GOP Index No.: R5412-01		
Pollutant: VOC		
Main Standard: 115.412(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-052		
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B5UBGE516D		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B5UBGE516E		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B73UBGE00D		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

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Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: BL-0082-R	RN No.: RN100225945	CN: CN600356976
Permit No.: O2211	Project No.: TBD	
Area Name: Environmental Operations		
Company Name: The Dow Chemical Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: B73UBGE00E		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-01		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Opacity limit = 30%		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Visible Emissions	Minimum Frequency: Once per calendar quarter unless the emission unit is not operating for the entire quarter	
Averaging Period: n/a		

I. Identifying Information

Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall shutdown the engine and performs a Test Method 9 opacity reading at the next scheduled operation. If the result of the Test Method 9 is opacity above 30%, the permit holder shall report a deviation.

From: Carolyn Maus
Sent: Friday, April 12, 2024 6:50 PM
To: Schmidt, Crystal (C)
Subject: Technical Review -- FOP O2211/Project 36381, The Dow Chemical Company/Dow Texas Operations Freeport

Good evening,

I have been assigned to the Federal Operating Permit (FOP) minor revision application of Permit No. O2211 for The Dow Chemical Company, Dow Texas Operations Freeport, Environmental Operations, and have begun technical review. This application has been assigned Project No. 36381. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the Permit and Project reference numbers above to facilitate tracking. I will let you know if I have any questions about the application as I prepare the working draft permit.

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

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

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

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

If you choose to submit your application updates through STEERS, please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

Texas Commission on Environmental Quality

Title V Existing

2211

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ENVIRONMENTAL OPERATIONS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2301 N BRAZOSPORT BLVD
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.######)	28.9825
Longitude (W) (-###.######)	95.352777
Primary SIC Code	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 VP
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	FREEPORT
State	TX
ZIP	77541
Phone (###-###-####)	9792389877
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	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.	FRAN FALCON(THE DOW CHEMICA...)
Organization Name	THE DOW CHEMICAL COMPANY
Prefix	MS
First	FRAN
Middle	
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:)	APB BLDG
City	FREEPORT
State	TX
Zip	77541
Phone (###-###-####)	9792389978
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:	Duly Authorized Representative Contact Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2301 N BRAZOSPORT BLVD
Routing (such as Mail Code, Dept., or Attn:)	APB BLDG
City	FREEPORT
State	TX
ZIP	77541
Phone (###-###-####)	9792381742
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9792380317
E-mail	cschmidt6@dow.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 58 Min 57 Sec
3) Permit Longitude Coordinate:	95 Deg 21 Min 10 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Streamlined Revision

4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

[File Properties]

File Name	OP_2_Form OP-2.pdf
Hash	22E3C18260FB4B6F4EFD2CC227E1EAD46732A7D8C9D79C3F93F2B331226F60A9
MIME-Type	application/pdf

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name	OP_REQ3_Form OP-REQ3.pdf
Hash	60F5A83711BCB060A840DC1C5B967AE35122A7F6171B10FF947C5821FCBFCB87
MIME-Type	application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name	OP_SUMR_Form OP-SUMR.pdf
Hash	FBBD69CD2F77344DCC25D7922C31A3218A060472E174E3774A07C579733C1129
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name	OP-UA Forms.pdf
Hash	EA805C697176485907E6E0FBD07F5740FC1B98953311D4BEF0A246251E531646
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	39B2BDEEAD1E223DBEFEDCBBDCD1FA009B0D6B3BB617E79AC60411AA7ABE3938
MIME-Type	application/pdf

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

Expedite Title V

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

Certification

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

1. I am Fran Q Falcon, the owner of the STEERS account ER028176.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcemer 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 2211.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Fran Q Falcon OWNER OPERATOR

Account Number:	ER028176
Signature IP Address:	165.225.32.244
Signature Date:	2024-02-27
Signature Hash:	4725663576DE3F41DE74D82CB21CFB9BFB69E4422881212DCE899ECE17426B81
Form Hash Code at time of Signature:	7ED95247538C53674723A4FD0C7514960291760D407228C8BBB66D5CDB17072C

Submission

Reference Number:	The application reference number is 632486

Submitted by:	The application was submitted by ER028176/Fran Q Falcon
Submitted Timestamp:	The application was submitted on 2024-02-27 at 09:43:49 CST
Submitted From:	The application was submitted from IP address 165.225.32.244
Confirmation Number:	The confirmation number is 524246
Steers Version:	The STEERS version is 6.73
Permit Number:	The permit number is 2211

Additional Information

Application Creator: This account was created by Crystal Schmidt

February 23, 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
Environmental Operations, RN100225945
Title V Permit O2211 Minor Revision Application

Dear Mr. Bowers,

The Dow Chemical Company is submitting the Title V Operating Permit O2211 minor revision application for the Environmental Operations Unit located in Brazoria County, Texas. This minor revision application is submitted in accordance with 30 TAC Chapter 122, Subchapter, C §122.215 – §122.217.

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	R6AirPermitsTX@epa.gov
TCEQ Air Section Manager, Region 12	R12apdmail@tceq.texas.gov
Brazoria County Health Department	jodiev@brazoria-county.com

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

Date: **February 23, 2024**
Permit No.: **O2211**
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? ☒ YES ☐ NO
I. Application Type
Indicate the type of application:
☐ Renewal
☒ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)
☐ Significant Revision
☐ Revision Requesting Prior Approval
☐ Administrative Revision
☐ Response to Reopening
II. Qualification Statement
For SOP Revisions Only ☒ YES ☐ NO
For GOP Revisions Only ☐ YES ☐ NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)						
Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*						
☒ VOC	☒ NO_X	☒ SO_2	☒ PM_{10}	☒ CO	☐ Pb	☒ HAP
Other:						
IV. Reference Only Requirements *(For reference only)*						
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					☒ YES ☐ NO ☐ N/A	
V. Delinquent Fees and Penalties						
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

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

Date: **February 23, 2024**
Permit No.: **O2211**
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 ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	YES	A16ST100	OP-SUMR OP-UA3	N/A	Please add this unit to the Title V Permit. Please add 30 TAC Chapter 115, Storage of VOCs positive applicability to this unit. Dow will add the following permits shields during the next renewal process: 40 CFR Part 60, Subpart Kb, 40 CFR Part 61, Subparts Y and FF, and 40 CFR Part 63, Subpart OO.
2	MS-C	YES	A16DUC100	OP-SUMR	N/A	Please add this unit to the Title V Permit. This unit does not have any positive applicability; therefore, it is being included for completeness purposes only. Dow will add a 30 TAC Chapter 115, Industrial Wastewater permit shield during the next renewal process.

Federal Operating Permit Program
Application for Permit Revision/Renewal – Form OP-2-Table 3

Date: **February 23, 2024**		
Permit No.: **O2211**		
Regulated Entity No.: **RN100225945**		
Company Name: **The Dow Chemical Company**		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required:	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☐ NO

TCEQ-10059 (APDG 5722v26, revised 03/22) OP-2
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

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

Date	Permit No.	Regulated Entity No.
February 23, 2024	O2211	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
A	2	***A16DUC100****	***OP-SUMR***	***C-100 AIR STRIPPER FOR GROUNDWATER***		***18145***	
A	1	***A16ST100****	***OP-UA3***	***T-100 GROUNDWATER TANK***		***18145*** ***106.476/09/04/2000***	

***Emissions from these units are represented in Blue Cube Operations LLC NSR Permit 5340 at EPN A16S1 (A16CETX01 and A16CETX02 in Title V Permit O1388)**

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.

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.
February 23, 2024	O2211	RN100225945

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
A16ST100	*R5112-01*	*NO*		*VOC1*	*A25K-40K*			

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.
February 23, 2024	O2211	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.
A16ST100	*R5112-01*		*NONE1*	*1-1.5*				

TCEQ - 10008 (APD-ID37v3, Revised 11/22) OP-UA3
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/22)

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

Date: February 23, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	***A16ST100***	***OP-UA3***	***R5112-01***	***VOC***	***30 TAC Chapter 115, Storage of VOCs***	***115.111(a)(1)***

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

Date: February 23, 2024	**Regulated Entity No.:** RN100225945	**Permit No.:** O2211
Company Name: The Dow Chemical Company	**Area Name:** Environmental Operations	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	***A16ST100***	***OP-UA3***	***R5112-01***	***[G]115.117***	***115.118(a)(1), (a)(5), (a)(6)(A), 115.118(a)(7)***	***NONE***

TCEQ 10018 (APDG 5939v2, Revised 06/15) OP-REQ3 – Applicable Requirements Summary
This form is for use by sources subject to air quality permit
requirements and may be revised periodically. (Title V Release 11/08)