

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

Date	Permit Number	Regulated Entity Number
09/04/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
2C1 FL8432	28727	118 106.262	04/20/1995 03/31/1999
52A 52C1	45571 33413	118	08/28/1996
6A	44286	106.261	05/12/2000
V8106AATK	81932	106.478 106.472	06/01/2007 08/14/2007
AREA2	13127 131327	106.261 106.262	07/06/2016
ENG-1 ENG-2 ENG-3	167932	106.512	03/25/2022
AREA1 AREA3 AREA4 407	175769	106.261 106.262	03/22/2024
FL8432 V51212AATK	176501	106.261 106.262 106.478	05/30/2024

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Date	Permit Number	Regulated Entity Number
09/04/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	178883	106.261 106.262 106.472 106.478 106.371	01/28/2025
F3501 F3502 V5123WATK LOADUNLOAD	178883	106.262	01/28/2025
CT-8510	178883	106.371	01/28/2025
V-8507 V-8506-1 V-8506-2	178883	106.478	01/28/2025

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Date	Permit Number	Regulated Entity Number
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Unit ID No.	Registration No.	PBR No.	Registration Date
V-8506-3 V-8506-4 V-5521-1 V-5521-2 V-5522 V-7410	178883	106.472	01/28/2025
527	178883	106.261 106.262	01/28/2025
FL8432	178883	106.261 106.262 106.472 106.478	01/28/2025

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

Date	Permit Number	Regulated Entity Number
09/04/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date
41	106.511	03/14/1997
COOLTOW-B	106.264	09/04/2000
DEGREASER	106.454	11/01/2001
MSS	106.263	11/01/2001

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

Date	Permit Number	Regulated Entity Number
09/04/2025	O1561	RN100212216

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
09/04/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
2C1 FL8432	118 106.262	28727	Record annual production rates.
52A 52C1	118	45571	Record annual production rates.
6A	106.261	44286	Record annual production rates.
V8106AATK	106.478 106.472	81932	Record annual tank throughput.
AREA2	106.261 106.262	13127	LDAR monitoring program.
COOLTOW-B	106.371 106.262	140894	Monitor for VOC leaks into the cooling tower.
ENG-1 ENG-2 ENG-3	106.512	167932	Record operating hours.
AREA1 AREA3 AREA4 407	106.261 106.262	175769	LDAR monitoring program.
FL8432 V51212AATK	106.261 106.262 106.478	176501	Record annual tank throughput.

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	106.261 106.262 106.472 106.478 106.371	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water. Record annual tank throughput.
F3501 F3502 V5123WATK LOADUNLOAD	106.262	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water.
CT-8510	106.371	178883	Monitor for VOC leaks into the cooling water.
V-8507 V-8506-1 V-8506-2	106.478	178883	Record annual tank throughput.

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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
V-8506-3 V-8506-4 V-5521-1 V-5521-2 V-5522 V-7410	106.472	178883	Record annual tank throughput.
527	106.261 106.262	178883	LDAR monitoring program.
FL8432	106.261 106.262 106.472 106.478	178883	Record annual tank throughput.
41	106.511	03/14/1997	Monitor operating hours.
COOLTOW-B	106.264	09/04/2000	Monitor for VOC leaks into the cooling water.
DEGREASER	106.454	11/01/2001	Monitor amount of degreaser used per year.
MSS	106.263	11/01/2001	Monitor maintenance, startup, shutdown activities for emissions.

Texas Commission on Environmental Quality

Title V Existing

1561

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVAL BUSINESS UNIT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	95.042777
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212216
What is the name of the Regulated Entity (RE)?	EVAL BUSINESS UNIT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	-95.042777
Facility NAICS Code	
What is the primary business of this entity?	PRODUCE ETHYLENE VINYL ALCOHOL MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603315953
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kuraray America, Inc.
Texas SOS Filing Number	13289806
Federal Tax ID	
State Franchise Tax ID	11341199955

State Sales Tax ID	
Local Tax ID	
DUNS Number	948095245
Number of Employees	101-250
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	KURARAY AMERICA INC
Prefix	MR
First	NELSON
Middle	
Last	RODRIGUEZ-GARCIA
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11500 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	PASADENA
State	TX
ZIP	77507
Phone (###-###-####)	7138946149
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	nelson.rodriquez-garcia@kuraray.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	THOMAS MATHEW(KURARAY AMERICA...)
Prefix	KURARAY AMERICA INC
First	MR
Middle	THOMAS
Last	MATHEW
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

Zip

77507

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

2815499443

Extension

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

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

E-mail

thomas.mathew@kuraray.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CHASE STEWART(KURARAY AMERICA...)

Organization Name

KURARAY AMERICA INC

Prefix

MR

First

CHASE

Middle

Last

STEWART

Suffix

Credentials

Title

HSE SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

ZIP

77507

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

8329852383

Extension

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

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

E-mail

chase.stewart@kuraray.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 37 Min 12 Sec

3) Permit Longitude Coordinate:

95 Deg 2 Min 34 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.

1561-38115

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)

[File Properties]

File Name

OP-PBRSUP Form 2025.09.04.pdf

Hash

6CCC520D0E49C2455BDDD80D9F71A27BD872B8D353C4A5826C323D771ADD688F

MIME-Type

application/pdf

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.

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 Thomas Mathew, the owner of the STEERS account ER105385.
2. I have the authority to sign this data on behalf of the applicant named above.

- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1561.
- 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: Thomas Mathew OWNER OPERATOR

Account Number:	ER105385
Signature IP Address:	208.127.107.133
Signature Date:	2025-09-05
Signature Hash:	04B1490B541EFB06D882566E6756BD2803C906803383E838EBDE963C81D55015
Form Hash Code at time of Signature:	EACFA4A6F0A44DC143B7A6755037DADF720AA541D70F02A0BA7EA0FF1EA9BFFC

Submission

Reference Number:	The application reference number is 815395
Submitted by:	The application was submitted by ER105385/Thomas Mathew
Submitted Timestamp:	The application was submitted on 2025-09-05 at 14:08:37 CDT
Submitted From:	The application was submitted from IP address 208.127.107.133
Confirmation Number:	The confirmation number is 676464
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1561

Additional Information

Application Creator: This account was created by Aaron B Hebert

Gabriela Chio

From: Stewart, Chase <chase.stewart@kuraray.com>
Sent: Friday, September 5, 2025 2:10 PM
To: Aaron Hebert; Gabriela Chio
Subject: Re: [External]RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Good Afternoon,

The PBRSUP form has been signed and submitted in STEERs.

Thanks

Chase Stewart

HSE Specialist

[Kuraray America Inc.](#)

11500 Bay Area Blvd

Pasadena, TX 77507

Email: Chase.Stewart@kuraray.com

832-985-2383

To learn more about Kuraray, visit www.kuraray.us.com.

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From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Thursday, September 4, 2025 4:21 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: Stewart, Chase <chase.stewart@kuraray.com>
Subject: [External]RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela Chio

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Thursday, September 4, 2025 4:22 PM
To: Gabriela Chio
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – We anticipate that the update PBR SUP form will be submitted by tomorrow. Thank you for providing guidance on the MSS PBR.

Sincerely,

Aaron Hebert, PE
BGE, Inc.
713.488.8371 p
713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Thursday, September 4, 2025 3:35 PM
To: Aaron Hebert <ahebert@bgeinc.com>
Cc: chase.stewart@kuraray.com; Jean Leonard <JLeonard@bgeinc.com>
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Aaron,

If PBR 106.263 is an unregistered but claimed PBR, then you may add the MSS units on Table B. Just ensure that the version no./date matches the date in the OP-REQ1, pg.89, which is 11/01/2001. Will you be able to submit the full updated OP-PBR SUP by tomorrow's deadline?

This is an example of how the MSS units can be listed.

Unit ID No.	PBR No.	V
MSS-BC	106.263	11/01/2001

Best,

Gaby

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Thursday, September 4, 2025 1:32 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: chase.stewart@kuraray.com; Jean Leonard <JLeonard@bgeinc.com>
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – There is no problem with removing the 12/24/1998 dates from PBRs 106.261 and 106.262. We are also confirming agreement with the minor changes to the wording in the permit shield.

For 106.263, this is a common PBR that's typically used with MSS EPNs. How do we need to address this PBR? I don't think it should be removed from the Title V permit.

In the NSR permit 9576, MSS emissions are permitted under EPN Maintenance. However, there's not a place for an MSS ID on it's own in the Title V permit. I've discussed this internally, and we do not have a clear understanding for how to include 106.263 in the Title V permit. Any guidance you can provide is appreciated.

Sincerely,

Aaron Hebert, PE

BGE, Inc.

713.488.8371 p

713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Wednesday, September 3, 2025 9:48 AM

To: Aaron Hebert <ahebert@bgeinc.com>

Cc: chase.stewart@kuraray.com

Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

I understand. Thanks for the update. Please provide a response as soon as possible or **3pm September 5, 2025**.

Thanks,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov

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

From: Aaron Hebert <ahebert@bgeinc.com>

Sent: Wednesday, September 3, 2025 9:39 AM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: chase.stewart@kuraray.com

Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – The TCEQ has asked me for multiple things today. I will review your email and reply as soon as possible. It's possible I may need a bit more time to reply.

Aaron Hebert, PE

BGE, Inc.

713.488.8371 p

713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Wednesday, September 3, 2025 8:16 AM

To: Aaron Hebert <ahebert@bgeinc.com>

Cc: chase.stewart@kuraray.com

Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Good morning,

The project went through QAQC review and an additional item needs resolving. Please reply to the following by **COB today September 3, 2025**.

1. Please confirm if the following PBR/Version No./Dates should be removed from the New Source Review Authorization References table in WDP since they were not listed in the OP-PBRSUP. If yes, then no further action is required from you, and I will remove them. If no, then please resubmit the OP-PBRSUP to STEERS by COB September 5, 2025, to include the three PBRs/version no/dates listed below. The PBRs listed on OP-REQ1, pg.89, must also be in the OP-PBRSUP.
 - a. 106.261, Version No./Date 12/24/1998
 - b. 106.262, Version No./Date 12/24/1998
 - c. 106.263, Version No./Date 11/01/2003

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 9576	Issuance Date: <u>08/30/2024</u>
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: <u>106.261</u>	Version No./Date: <u>12/24/1998</u>
Number: 106.261	Version No./Date: <u>11/01/2003</u>
Number: <u>106.262</u>	Version No./Date: <u>12/24/1998</u>
Number: 106.262	Version No./Date: <u>11/01/2003</u>
Number: <u>106.263</u>	Version No./Date: <u>11/01/2001</u>
Number: 106.264	Version No./Date: <u>09/04/2000</u>
Number: 106.371	Version No./Date: <u>09/04/2000</u>
Number: 106.454	Version No./Date: <u>11/01/2001</u>
Number: 106.472	Version No./Date: <u>09/04/2000</u>
Number: 106.478	Version No./Date: <u>09/04/2000</u>
Number: 106.511	Version No./Date: <u>03/14/1997</u>
Number: 106.512	Version No./Date: <u>06/13/2001</u>
Number: 118	Version No./Date: <u>05/04/1994</u>

Minor updates were also completed in the Permit Shield table to better reflect the rule language. The negative applicability reason needs to specifically reference the rule language. Please note for future applications. No further action is required from you regarding these changes below.

- For unit 42, the basis of determination was updated to say “gallons” instead of “gals”.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	E
42	N/A	30 TAC Chapter 115, Storage of VOCs	Tank capacity

- For groups GRP-COAG, the basis of determination was updated to say “Facility was constructed, **modified, or reconstructed** prior to June 29, 1990.”

GRP-COAG	3A, 3B, 53A	40 CFR Part 63, Subpart RRR	Facility was constructed, modified, or reconstructed
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Thanks,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov

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

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Wednesday, August 20, 2025 4:32 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – We have no further comments.

Aaron Hebert, PE
BGE, Inc.
713.488.8371 p
713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Wednesday, August 20, 2025 9:27 AM
To: Aaron Hebert <ahebert@bgeinc.com>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Good morning Aaron,

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527	178883	106.261 106.262	01/28/2025
FL8432	178883	106.261 106.262 106.472 106.478	01/28/2025

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COOLTOW-B	106.264	09/04/2000
DEGREASER	106.454	11/01/2001

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Date	Permit Number	Regulated Entity Number
08/14/2025	O1561	RN100212216

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
08/14/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
2C1 FL8432	118 106.262	28727	Record annual production rates.
52A 52C1	118	45571	Record annual production rates.
6A	106.261	44286	Record annual production rates.
V8106AATK	106.478 106.472	81932	Record annual tank throughput.
AREA2	106.261 106.262	13127	LDAR monitoring program.
COOLTOW-B	106.371 106.262	140894	Monitor for VOC leaks into the cooling tower.
ENG-1 ENG-2 ENG-3	106.512	167932	Record operating hours.
AREA1 AREA3 AREA4 407	106.261 106.262	175769	LDAR monitoring program.
FL8432 V51212AATK	106.261 106.262 106.478	176501	Record annual tank throughput.

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

Date	Permit Number	Regulated Entity Number
08/14/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	106.261 106.262 106.472 106.478 106.371	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water. Record annual tank throughput.
F3501 F3502 V5123WATK LOADUNLOAD	106.262	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water.
CT-8510	106.371	178883	Monitor for VOC leaks into the cooling water.
V-8507 V-8506-1 V-8506-2	106.478	178883	Record annual tank throughput.

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

Date	Permit Number	Regulated Entity Number
08/14/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
V-8506-3 V-8506-4 V-5521-1 V-5521-2 V-5522 V-7410	106.472	178883	Record annual tank throughput.
527	106.261 106.262	178883	LDAR monitoring program.
FL8432	106.261 106.262 106.472 106.478	178883	Record annual tank throughput.
41	106.511	03/14/1997	Monitor operating hours.
COOLTOW-B	106.264	09/04/2000	Monitor for VOC leaks into the cooling water.
DEGREASER	106.454	11/01/2001	Monitor amount of degreaser used per year.

**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.
08/14/2025	O1561	RN100212216

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	AREA 6	OP-UA12	Fugitive		9576, 106.261/11/01/2003[175769], 106.262/11/01/2003[175769]	
D	2	53B	OP-SUMR	Coagulation Vent II-B		9576	
D	2	56A	OP-SUMR	Wash Column C1307 Vent		9576	
D	2	56B	OP-SUMR	Wash Column C1407 Vent		9576	
D	3	PLANT	OP-UA12	Fugitive		9576	
A	4	ENG-1	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	4	ENG-2	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	4	ENG-3	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	5	F3501	OP-UA15	Acetic Acid Scrubber Vent		106.262/11/01/2003[178883]	

**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.
08/14/2025	O1561	RN100212216

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	5	F3502	OP-UA15	Acetic Acid Scrubber Vent		106.262/11/01/2003[178883]	
A	6	V-8507	OP-UA3	Methanol Storage Tank		106.478/09/04/2000[178883]	
A	7	CT-8510	OP-UA13 OP-REQ2	Cooling Tower – Acetic Acid Recovery		106.371/09/04/2000/[178883]	
	8	V5107	OP-UA3	Process Tank		9576	
	8	V5109	OP-UA3	Process Tank		9576	
	8	V5114	OP-UA3	Process Tank		9576	
	8	V5116	OP-UA3	Process Tank		9576	
	8	V51211AATK	OP-UA3	Acetic Acid Tank		9576	
	8	V5122AATK	OP-UA3	Acetic Acid Tank		9576	
	8	V5307	OP-UA3	Storage Tank		9576	

**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.
08/14/2025	O1561	RN100212216

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
	8	V8104VACTK	OP-UA3	Vinyl Acetate Storage Tank		9576	
	8	V8107BRTK	OP-UA3	Brine Circulation Tank		9576	
	8	V8307BRTK	OP-UA3	Brine Circulation Tank		9576	
	9	V51212AATK	OP-UA3	Acetic Acid Tank		9576, 106.478/09/04/2000[176501]	
	10	V8106AATK	OP-UA3	Storage Tank		9576 106.472/09/04/2000[81932] 106.478/09/04/2000[81932]	
A	11	V-55211 V-5521-1	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	11	V-55212 V-5521-2	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	11	V-5522	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	12	527	OP-UA12 OP-REQ2	Acetic Recovery Fugitives		106.261/11/01/2003[178883], 106.262/11/01/2003[178883]	

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.

**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.
08/14/2025	O1561	RN100212216

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
	13	41	OP-SUMR	Fire Water Pump		<i>06/03/15/1985</i> <i>106.511/03/14/1997</i>	

**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.
08/14/2025	O1561	RN100212216

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
2	53B	OP-UA15 OP-REQ2	D	GRP-COAG
2	56A	OP-UA15	D	GRP-WASHCO
2	56B	OP-UA15	D	GRP-WASHCO

Texas Commission on Environmental Quality

Title V Existing

1561

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVAL BUSINESS UNIT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	95.042777
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212216
What is the name of the Regulated Entity (RE)?	EVAL BUSINESS UNIT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	-95.042777
Facility NAICS Code	
What is the primary business of this entity?	PRODUCE ETHYLENE VINYL ALCOHOL MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603315953
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kuraray America, Inc.
Texas SOS Filing Number	13289806
Federal Tax ID	
State Franchise Tax ID	11341199955

State Sales Tax ID	
Local Tax ID	
DUNS Number	948095245
Number of Employees	101-250
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	KURARAY AMERICA INC
Prefix	MR
First	NELSON
Middle	
Last	RODRIGUEZ-GARCIA
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11500 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	PASADENA
State	TX
ZIP	77507
Phone (###-###-####)	7138946149
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	nelson.rodriquez-garcia@kuraray.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	THOMAS MATHEW(KURARAY AMERICA...)
Prefix	KURARAY AMERICA INC
First	MR
Middle	THOMAS
Last	MATHEW
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

Zip

77507

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

2815499443

Extension

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

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

E-mail

thomas.mathew@kuraray.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CHASE STEWART(KURARAY AMERICA...)

Organization Name

KURARAY AMERICA INC

Prefix

MR

First

CHASE

Middle

Last

STEWART

Suffix

Credentials

Title

HSE SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

ZIP

77507

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

8329852383

Extension

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

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

E-mail

chase.stewart@kuraray.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 37 Min 12 Sec

3) Permit Longitude Coordinate:

95 Deg 2 Min 34 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.

1561-38115

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)

[File Properties]

File Name

[OP-PBRSUP Form 2025.08.14.pdf](/ePermitsExternal/faces/file?fileId=276531)

Hash

E8073DF8D548D8B28E2F08EA911991C6999587450B4EFE8A3029E5E4CC0933EA

MIME-Type

application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name

[OP-SUMR Form 2025.08.14.pdf](/ePermitsExternal/faces/file?fileId=276532)

Hash

E9D357F4BAE8BF8852BC82A6C2F97200B87B3F63A928B191A3620B648D23BC98

MIME-Type

application/pdf

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.

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 Thomas Mathew, the owner of the STEERS account ER105385.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1561.
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: Thomas Mathew OWNER OPERATOR

Account Number:	ER105385
Signature IP Address:	208.127.107.133
Signature Date:	2025-08-19
Signature Hash:	04B1490B541EFB06D882566E6756BD2803C906803383E838EBDE963C81D55015
Form Hash Code at time of Signature:	F24D40A9BA5FF7744100FD09B1066F4A0DDB808E549BC08E80BB207C7BCC9116

Submission

Reference Number:	The application reference number is 810009
Submitted by:	The application was submitted by ER105385/Thomas Mathew
Submitted Timestamp:	The application was submitted on 2025-08-19 at 14:58:24 CDT
Submitted From:	The application was submitted from IP address 208.127.107.133
Confirmation Number:	The confirmation number is 672330
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1561

Additional Information

Application Creator: This account was created by Aaron B Hebert

Gabriela Chio

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Wednesday, August 20, 2025 4:32 PM
To: Gabriela Chio
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – We have no further comments.

Aaron Hebert, PE

BGE, Inc.

713.488.8371 p

713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Wednesday, August 20, 2025 9:27 AM
To: Aaron Hebert <ahebert@bgeinc.com>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Good morning Aaron,

The updated OP-SUMR and OP-PBRSUP were received in STEERS. I updated the PBRs in the NSR Authorization References by Emissions Unit table based on what was provided on the updated OP-PBRSUP submitted yesterday 8/19. The PBRs listed on the OP-PBRSUP are required to be in the table. As mentioned in my emails from 8/12 and 8/13, I have resolved all other comments. The updated WDP is attached.

Please review and provide a response to the WDP updates even if you have no further comments by **COB today August 20, 2025**. Since this is a follow-up review to the previously submitted and reviewed WDP, only comments concerning changes since the last WDP may be considered by TCEQ. Any comments outside the scope of the most recent changes should be submitted as a separate project.

Also, please ensure to respond to the latest email in the email chain for streamline purposes.

Thanks,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov

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

From: Aaron Hebert <ahebert@bgeinc.com>

Sent: Monday, August 18, 2025 5:20 PM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: chase.stewart@kuraray.com

Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriele – In preparing the updated forms, I noticed that the PBR numbers for the 178883 registration need to be revised. I will include these in the updated PBRSUP form, which will be submitted via STEERS. You should receive it by tomorrow. We have revised the PBRSUP to better organize the Unit IDs and the associated authorization.

Please let me know if you have any questions.

Sincerely,

Aaron Hebert, PE

BGE, Inc.

713.488.8371 p

713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Tuesday, August 12, 2025 2:40 PM

To: Aaron Hebert <ahebert@bgeinc.com>

Cc: chase.stewart@kuraray.com

Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Hi Aaron,

Thanks for your review and comments. I am still working on investigating the issue regarding the units V51211AATK, V5122AATK, V51212AATK, V8106AATK as this requires further review, but in the meantime, please review the updates to the WDP so far and provide a response on the updates only by **3pm August 14, 2025**.

- I updated the unit IDs for V-5521-1 and V-5521-2. The submitted OP-SUMR lists them as V-55211 and V-55212, so please **resubmit the OP-SUMR** with the updated unit IDs to Title V STEERS by the August 14 deadline.
- I corrected the citations for ENG-1 for MACT ZZZZ. The citations for ENG-2 and ENG-3 appear accurate based on the unit attributes submitted.
- I updated the NSR Authorization References by Emission Unit table. The submitted OP-PBRSUP does not reflect the PBRs accurately for the units you mentioned in your email. Please use separate lines to indicate the PBRs that correspond with the unit it authorizes and **resubmit the full OP-PBRSUP** form to Title V STEERS by the August 14 deadline.
- I corrected the applicable citations for V-5521-1, V-5521-2, and V-5522 to include 30 TAC 115.118(a)(6)(A). Our system somehow did not carry this citation over properly.

Best,

Gaby

Gabriela Chio

Gabriela Chio

From: Gabriela Chio
Sent: Wednesday, August 13, 2025 1:13 PM
To: Aaron Hebert
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit
Attachments: SOP - O1561 Kuraray America Inc (Renewal, 38115).docx

Aaron,

I received an update from our RRT team regarding units V51211AATK, V5122AATK, V51212AATK, V8106AATK. It appeared that there were some updates needed on our end for 30 TAC Ch. 115, Storage of VOCs, which was causing the applicable requirements for the units to not generate correctly in the WDP. The units do have sitewide requirements, but now the applicable citations are showing up in the Applicable Requirements table for V51211AATK, V5122AATK, V51212AATK, V8106AATK. The units also appear in the Unit Summary table.

All comments should be resolved now. Since you mentioned you will be out of town, I can extend the deadline. Please submit the requested updated forms in Title V STEERS and provide a response to the WDP updates even if you have no further comments by **COB August 19, 2025**.

Thank you,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio
Sent: Tuesday, August 12, 2025 2:51 PM
To: Aaron Hebert <ahebert@bgeinc.com>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Noted. Thank you.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Tuesday, August 12, 2025 2:47 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – I'll review the changes. I will be out of town on Aug 14-15. I will have comments back to you by the end of the day tomorrow. If I need more time, I will let you know.

Sincerely,

Aaron Hebert, PE
BGE, Inc.
713.488.8371 p
713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Tuesday, August 12, 2025 2:40 PM
To: Aaron Hebert <ahebert@bgeinc.com>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Hi Aaron,

Thanks for your review and comments. I am still working on investigating the issue regarding the units V51211AATK, V5122AATK, V51212AATK, V8106AATK as this requires further review, but in the meantime, please review the updates to the WDP so far and provide a response on the updates only by **3pm August 14, 2025**.

- I updated the unit IDs for V-5521-1 and V-5521-2. The submitted OP-SUMR lists them as V-55211 and V-55212, so please **resubmit the OP-SUMR** with the updated unit IDs to Title V STEERS by the August 14 deadline.
- I corrected the citations for ENG-1 for MACT ZZZZ. The citations for ENG-2 and ENG-3 appear accurate based on the unit attributes submitted.

- I updated the NSR Authorization References by Emission Unit table. The submitted OP-PBRSUP does not reflect the PBRs accurately for the units you mentioned in your email. Please use separate lines to indicate the PBRs that correspond with the unit it authorizes and **resubmit the full OP-PBRSUP** form to Title V STEERS by the August 14 deadline.
- I corrected the applicable citations for V-5521-1, V-5521-2, and V-5522 to include 30 TAC 115.118(a)(6)(A). Our system somehow did not carry this citation over properly.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Friday, August 8, 2025 12:29 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: chase.stewart@kuraray.com
Subject: RE: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Hi Gaby – On behalf of Kuraray, I am submitting the comments to the draft permit that you sent on July 15. Please see below for comments.

- Revise Unit ID numbers for the following:
 - Change V-55211 to V-5521-1
 - Change V-55212 to V-5521-2
- Unit IDs ENG-1, ENG-2, and ENG-3
 - The incorrect citations are identified in the Applicable Requirements Summary for MACT ZZZZ. The engines are NORMAL engines. The citations in the draft permit apply to black start engines.
- NSR Authorizations for the following Unit IDs do not match the NSR Authorization submitted on the OP-SUMR. The correct authorizations are included below.
 - F3501, 106.262/11/01/2003[178883]
 - F3502, 106.262/11/01/2003[178883]
 - V-8507, 106.478/09/04/2000[178883]
 - CT-8510, 106.371/09/04/2000[178883]
 - V51212AATK, 9576, 106478/09/04/2000[176501]
 - V-5521-1, 106.472/09/04/2000[178883]
 - V-5521-2, 106.472/09/04/2000[178883]
 - V-5522, 106.472/09/04/2000[178883]
 - 527, 106.261/11/01/2003[178883], 106.262/11/01/2003[178883]

- With regard to the following Unit IDs, I do not understand why these IDs do not have applicable citations for 30 TAC 115. There is not a code in the UA3 Table 4 that designates a tank as operating under working pressure to prevent emissions to the atmosphere. The codes on the UA3 Table 4 indicate these tanks are greater than 1,000 gallons, store a VOC with a vapor pressure greater than 1.5 psia, and use a vapor recovery unit to control emissions. Please let me know if you'd like to discuss this further over the phone.
 - V51211AATK
 - V5122AATK
 - V51212AATK
 - V8106AATK
- The following Unit IDs are missing the citation 30 TAC 115.118(a)(6)(A) based on the flowchart and the regulatory text:
 - V-5521-1
 - V-5521-2
 - V-5522

Sincerely,

Aaron Hebert, PE

BGE, Inc.

713.488.8371 p

713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Tuesday, July 15, 2025 1:25 PM

To: Aaron Hebert <ahebert@bgeinc.com>

Cc: chase.stewart@kuraray.com

Subject: Working Draft Permit -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Good afternoon,

I have conducted a technical review of the renewal application for Kuraray American Inc., EVAL Business Unit. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have on the working draft permit by **August 14, 2025**.

Please note:

- For units V51211AATK, V51212AATK, V5122AATK and V8106AATK for 30 TAC Ch. 115, Storage of VOCs, based on the unit attributes submitted in the OP-UA3, Tables 4a-4b, and answers to OP-REQ1, Questions III.A.1. and III.B.1., the requirements for these units are contained in the WDP's special terms and conditions. You may refer to the [30 TAC Ch.115, Storage of VOCs flowchart](#) to confirm the requirements.

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,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
2C1 FL8432	28727	118 106.262	04/20/1995 03/31/1999
52A 52C1	45571 33413	118	08/28/1996
6A	44286	106.261	05/12/2000
V8106AATK	81932	106.478 106.472	06/01/2007 08/14/2007
AREA2	13127 131327	106.261 106.262	07/06/2016
ENG-1 ENG-2 ENG-3	167932	106.512	03/25/2022
AREA1 AREA3 AREA4 407 AREA 6	175769	106.261 106.262	03/22/2024 03/29/2024
FL8432 V51212AATK	176501	106.261 106.262 106.478	05/30/2024 07/12/2024

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	178883	106.261 106.262 106.472 106.478 106.371	01/28/2025

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date
41	106.511	03/14/1997
COOLTOW-B	106.264	09/04/2000
DEGREASER	106.454	11/01/2001
<i>MAINTENANCE</i>	<i>106.263</i>	<i>11/01/2001</i>

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
2C1 FL8432	118 106.262	28727	Record annual production rates.
52A 52C1	118	45571 33413	Record annual production rates.
6A	106.261	44286	Record annual production rates.
V8106AATK	106.478 106.472	81932	Record annual tank throughput.
AREA2	106.261 106.262	13127 131327	LDAR monitoring program.
ENG-1 ENG-2 ENG-3	106.512	167932	Record operating hours.
AREA1 AREA3 AREA4 407	106.261 106.262	175769	LDAR monitoring program.
FL8432 V51212AATK	106.261 106.262 106.478	176501	Record annual tank throughput.

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	106.261 106.262 106.472 106.478 106.371	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water.
41	106.511	03/14/1997	Monitor operating hours.
COOLTOW-B	106.264	09/04/2000	Monitor for VOC leaks into the cooling water.
DEGREASER	106.454	11/01/2001	Monitor amount of degreaser used per year.
MAINTENANCE	106.263	11/01/2001	Monitor MSS activity frequency.

Texas Commission on Environmental Quality

Title V Existing

1561

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVAL BUSINESS UNIT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	95.042777
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212216
What is the name of the Regulated Entity (RE)?	EVAL BUSINESS UNIT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	-95.042777
Facility NAICS Code	
What is the primary business of this entity?	PRODUCE ETHYLENE VINYL ALCOHOL MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603315953
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kuraray America, Inc.
Texas SOS Filing Number	13289806
Federal Tax ID	
State Franchise Tax ID	11341199955

State Sales Tax ID	
Local Tax ID	
DUNS Number	948095245
Number of Employees	101-250
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	KURARAY AMERICA INC
Prefix	MR
First	NELSON
Middle	
Last	RODRIGUEZ-GARCIA
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11500 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	PASADENA
State	TX
ZIP	77507
Phone (###-###-####)	7138946149
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	nelson.rodriquez-garcia@kuraray.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	THOMAS MATHEW(KURARAY AMERICA...)
Prefix	KURARAY AMERICA INC
First	MR
Middle	THOMAS
Last	MATHEW
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

Zip

77507

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

2815499443

Extension

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

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

E-mail

thomas.mathew@kuraray.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CHASE STEWART(KURARAY AMERICA...)

Organization Name

KURARAY AMERICA INC

Prefix

MR

First

CHASE

Middle

Last

STEWART

Suffix

Credentials

Title

HSE SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

ZIP

77507

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

8329852383

Extension

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

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

E-mail

chase.stewart@kuraray.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 37 Min 12 Sec

3) Permit Longitude Coordinate:

95 Deg 2 Min 34 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.

1561-38115

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)

[File Properties]

File Name

[OP-PBRSUP Form.pdf](/ePermitsExternal/faces/file?fileId=268140)

Hash

86AAFC1093E89D57D7457A47AFDD726EF98294AF71D2A7D974A09C202FE7CF44

MIME-Type

application/pdf

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.

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 Thomas Mathew, the owner of the STEERS account ER105385.
2. I have the authority to sign this data on behalf of the applicant named above.

- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1561.
- 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: Thomas Mathew OWNER OPERATOR

Account Number:	ER105385
Signature IP Address:	208.127.107.133
Signature Date:	2025-07-09
Signature Hash:	04B1490B541EFB06D882566E6756BD2803C906803383E838EBDE963C81D55015
Form Hash Code at time of Signature:	F03B383F2B86B58A9971EF1191CCF437EDE3A040F399ED70A273050CBA1CE131

Submission

Reference Number:	The application reference number is 799535
Submitted by:	The application was submitted by ER105385/Thomas Mathew
Submitted Timestamp:	The application was submitted on 2025-07-09 at 15:43:08 CDT
Submitted From:	The application was submitted from IP address 208.127.107.133
Confirmation Number:	The confirmation number is 663647
Steers Version:	The STEERS version is 6.92
Permit Number:	The permit number is 1561

Additional Information

Application Creator: This account was created by Aaron B Hebert

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality

Date: 07/10/2025	
Permit No.: O1561	
Regulated Entity No.: RN100212216	
Company Name: Kuraray America, Inc.	
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: <i>(Check the appropriate box[es].)</i>
☒ VOC ☐ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☒ HAP
Other:
IV. Reference Only Requirements (For reference only)
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A
V. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

Date: 07/10/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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	407 AREA 6	OP-UA12 OP-SUMR	9576, 106.261/11/01/2003[175769], 106.262/11/01/2003[175769]	Change Unit ID 407 to AREA 6.
2	MS-C	NO	53B 56A 56B	OP-SUMR	9576	Remove the Unit IDs from the permit. The Unit IDs were not constructed.
3	MS-C	NO	PLANT	OP-UA12 OP-SUMR	9576	Remove the Unit ID from the permit. IDs representing fugitives are represented by other Unit IDs.
4	MS-C	YES	ENG-1 ENG-2 ENG-3	OP-UA2 OP-SUMR	106.512/06/13/2001[167932]	Add engines to the permit.

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

Date: 07/10/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
5	MS-C	YES	F3501 F3502	OP-UA15 OP-SUMR	106.262/11/01/2003[178883]	Add Unit ID to permit.
6	MS-C	YES	V-8507	OP-UA3 OP-SUMR	106.478/09/04/2000[178883]	Add Unit ID to permit.
7	SIG-E	YES	CT-8510	OP-UA13 OP-REQ2 OP-SUMR	106.371/09/04/2000/[178883]	Add Unit ID to permit.

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

Date: 07/10/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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		
8	MS-C	NO	V5107 V5109 V5114 V5116 V51211AATK V5122AATK V5307 V8104VACTK V8107BRTK V8307BRTK	OP-UA3 OP-SUMR	9576	Update UA codes for storage tanks on Table 4.
9	MS-C	NO	V51212AATK	OP-UA3 OP-SUMR	9576, 106.478/09/04/2000[176501]	Update UA codes for storage tanks on Table 4.
10	MS-C	NO	V8106AATK	OP-UA3 OP-SUMR	9576 106.472/09/04/2000[81932] 106.478/09/04/2000[81932]	Update UA codes for storage tanks on Table 4.

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

Date: 07/10/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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		
11	MS-C	YES	V-55211 V-55212 V-5522	OP-UA3 OP-SUMR OP-REQ2	106.472/09/04/2000 [178883]	Adding tanks associated with future Acetic Recovery Unit.
12	MS-C	YES	527	OP-UA12 OP-SUMR OP-REQ2	106.261/11/01/2003[178883], 106.262/11/01/2003[178883]	Add Unit ID to Title V permit.
13	MS-C	NO	41	OP-SUMR	106.511/03/14/1997	Revise NSR Authorization.
14	MS-C	NO	F7410	OP-MON	9576	Add to OP-MON form for 30 TAC 115, Process Vents.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Date: 07/10/2025	
Permit No.: O1561	
Regulated Entity No.: RN100212216	
Company Name: Kuraray America, Inc.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
B. Indicate the alternate language(s) in which public notice is required:	SPANISH
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
2C1 FL8432	28727	118 106.262	04/20/1995 03/31/1999
52A 52C1	45571 33413	118	08/28/1996
6A	44286	106.261	05/12/2000
V8106AATK	81932	106.478 106.472	06/01/2007 08/14/2007
AREA2	13127 131327	106.261 106.262	07/06/2016
ENG-1 ENG-2 ENG-3	167932	106.512	03/25/2022
AREA1 AREA3 AREA4 407	175769	106.261 106.262	03/22/2024 03/29/2024
FL8432 V51212AATK	176501	106.261 106.262 106.478	05/30/2024 07/12/2024

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	178883	106.261 106.262 106.472 106.478 106.371	01/28/2025

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date
41	106.511	03/14/1997
COOLTOW-B	106.264	09/04/2000
DEGREASER	106.454	11/01/2001
<i>MAINTENANCE</i>	<i>106.263</i>	<i>11/01/2001</i>

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
2C1 FL8432	118 106.262	28727	Record annual production rates.
52A 52C1	118	45571 33413	Record annual production rates.
6A	106.261	44286	Record annual production rates.
V8106AATK	106.478 106.472	81932	Record annual tank throughput.
AREA2	106.261 106.262	13127 131327	LDAR monitoring program.
COOLTOW-B	106.371 106.262	140894	Monitor for VOC leaks into the cooling tower.
ENG-1 ENG-2 ENG-3	106.512	167932	Record operating hours.
AREA1 AREA3 AREA4 407	106.261 106.262	175769	LDAR monitoring program.
FL8432 V51212AATK	106.261 106.262 106.478	176501	Record annual tank throughput.

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

Date	Permit Number	Regulated Entity Number
07/10/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	106.261 106.262 106.472 106.478 106.371	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water.
41	106.511	03/14/1997	Monitor operating hours.
COOLTOW-B	106.264	09/04/2000	Monitor for VOC leaks into the cooling water.
DEGREASER	106.454	11/01/2001	Monitor amount of degreaser used per year.
MAINTENANCE	106.263	11/01/2001	Monitor MSS activity frequency.

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		42	OP-REQ2	Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tank capacity is less than 1000 gals.
		COOLTOW-A	OP-REQ2	MACT Q	§ 63.400(a)	Chromium is not used in this cooling tower
		COOLTOW-B	OP-REQ2	MACT Q	§ 63.400(a)	Chromium is not used in this cooling tower
		8	OP-REQ2	Chapter 115, Industrial Wastewater	§ 115.140(2)	The wastewater stream is not an affected stream, as defined in 115.140(2), because the VOC concentration is less than 1000 ppmw.
		DEGREASER	OP-REQ2	Chapter 115, Degreasing Processes	§ 115.411(1)	Solvent TVP < 0.6 psia at 100 F, drain area is less than 16 square inches, and waste is disposed of in enclosed containers.
		GRP-COAG	OP-REQ2	NSPS RRR	§ 60.700(b)	Facility was constructed prior to 06/29/90.
		GRP-COAG	OP-REQ2	MACT F	§ 63.100(b)(1)(ii)(A) or (B)	The primary product is ethylene vinyl alcohol copolymer which is not listed in Table 1 or 63.100(b)(1)(ii)(A) or (B).
		V5101	OP-REQ2	MACT EEEE	§ 63.2338(a)	Facility is an affected source under MACT FFFF
		V5101	OP-REQ2	NSPS Kb	§ 63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5102	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5102	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5103	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5103	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5104	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5104	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5105	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5105	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5106	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5106	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5107	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5107	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5108	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5108	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5109	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5109	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5110	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5110	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5111	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5111	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5112	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5112	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5113	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5113	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5114	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5114	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5114	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V5115	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5115	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5115	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V5116	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF

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		V5116	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5117	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5117	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5118	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5118	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5119	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5119	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5120	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF

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		V5120	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5122AATK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5122AATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5122AATK	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V5123WATK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5123WATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5129	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF

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		V5129	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5129	OP-REQ2	MACT G	63.100(b)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5301	OP-REQ2	MACT EEEE	63.2338(a)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5301	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5302	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5302	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5304	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5304	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5307	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5307	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5310	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5310	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5318	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5318	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5319	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5319	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5401	OP-REQ2	MACT EEEE	63.2338(a)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5401	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5402	OP-REQ2	MACT EEEE	63.2338(a)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5402	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5412	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5412	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5417	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8104VACTK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8104VACTK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8105METK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8105METK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8106AATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V8106AATK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8107BRTK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8107BRTK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8301MEOAC	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8301MEOAC	OP-REQ2	MACT G	63.100(b)	Storage vessel has not been assigned to a chemical manufacturing process unit that is subject the Subpart F.
		V8301MEOAC	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8305	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8305	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V8307BRTK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8307BRTK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5413	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V7410	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V7410	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V51211AATK	OP-REQ2	MACT FFFF	§63.2435(b)	Storage tank does not store HAPS.
		V51211AATK	OP-REQ2	NSPS Kb	§60.110b(b)	Storage tank stores liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

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		V51212AATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		MAINPROC	OP-REQ2	NSPS NNN	63.1100(g)(2)(ii)	Process vents from distillation units subject to 40 CFR 60 Subpart NNN and 40 CFR 63 Subpart FFFF are required to comply only with the requirements of Subpart FFFF.
		PRO1100LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		PRO1200LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		PRO1300LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		PRO1400LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		V-8501	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V-8505	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-1	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-2	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-3	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-4	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	7	CT-8510	OP-REQ2	MACT Q	63.400(a)	Chromium is not used in this cooling tower
A	11	V-55211	OP-REQ2	MACT FFFF	63.2435(b)	Storage tank does not store HAPS.
A	11	V-55212	OP-REQ2	MACT FFFF	63.2435(b)	Storage tank does not store HAPS.
A	11	V-5522	OP-REQ2	MACT FFFF	63.2435(b)	Storage tank does not store HAPS.
A	11	V-55211	OP-REQ2	NSPS Kb	60.110b 60.110b(a)	Storage tank constructed after October 4, 2023. Storage tank was constructed, reconstructed, or modified after October 4, 2023.
A	11	V-55212	OP-REQ2	NSPS Kb	60.110b 60.110b(a)	Storage tank constructed after October 4, 2023. Storage tank was constructed, reconstructed, or modified after October 4, 2023.
A	11	V-5522	OP-REQ2	NSPS Kb	60.110b 60.110b(a)	Storage tank constructed after October 4, 2023. Storage tank was constructed, reconstructed, or modified after October 4, 2023.
A	11	V-5522	OP-REQ2	NSPS Kc	60.110c(b)(8)	Storage vessel that stores a VOL with a maximum true vapor pressure less than 0.25 psia.
A	12	527	OP-REQ2	Chapter 115, HRVOC Fugitive Emissions	115.780(a)	HRVOC is not a raw material, intermediate, final product, or waste stream in the process unit.

**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.
05/02/2025	O1561	RN100212216

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	AREA 6	OP-UA12	Fugitive		9576, 106.261/11/01/2003[175769], 106.262/11/01/2003[175769]	
D	2	53B	OP-SUMR	Coagulation Vent II-B		9576	
D	2	56A	OP-SUMR	Wash Column C1307 Vent		9576	
D	2	56B	OP-SUMR	Wash Column C1407 Vent		9576	
D	3	PLANT	OP-UA12	Fugitive		9576	
A	4	ENG-1	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	4	ENG-2	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	4	ENG-3	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	5	F3501	OP-UA15	Acetic Acid Scrubber Vent		106.262/11/01/2003[178883]	

**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.
05/02/2025	O1561	RN100212216

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	5	F3502	OP-UA15	Acetic Acid Scrubber Vent		106.262/11/01/2003[178883]	
A	6	V-8507	OP-UA3	Methanol Storage Tank		106.478/09/04/2000[178883]	
A	7	CT-8510	OP-UA13 OP-REQ2	Cooling Tower – Acetic Acid Recovery		106.371/09/04/2000/[178883]	
	8	V5107	OP-UA3	Process Tank		9576	
	8	V5109	OP-UA3	Process Tank		9576	
	8	V5114	OP-UA3	Process Tank		9576	
	8	V5116	OP-UA3	Process Tank		9576	
	8	V51211AATK	OP-UA3	Acetic Acid Tank		9576	
	8	V5122AATK	OP-UA3	Acetic Acid Tank		9576	
	8	V5307	OP-UA3	Storage Tank		9576	

**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.
05/02/2025	O1561	RN100212216

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
	8	V8104VACTK	OP-UA3	Vinyl Acetate Storage Tank		9576	
	8	V8107BRTK	OP-UA3	Brine Circulation Tank		9576	
	8	V8307BRTK	OP-UA3	Brine Circulation Tank		9576	
	9	V51212AATK	OP-UA3	Acetic Acid Tank		9576, 106.478/09/04/2000[176501]	
	10	V8106AATK	OP-UA3	Storage Tank		9576 106.472/09/04/2000[81932] 106.478/09/04/2000[81932]	
A	11	V-55211	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	11	V-55212	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	11	V-5522	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	12	527	OP-UA12 OP-REQ2	Acetic Recovery Fugitives		106.261/11/01/2003[178883], 106.262/11/01/2003[178883]	

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.

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.
07/10/2025	O1561	RN100212216

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
	13	41	OP-SUMR	Fire Water Pump		06/03/15/1985 106.511/03/14/1997	
	14	F7410	OP-MON	Scrubber - Wastewater Tank		9576	

**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.
05/02/2025	O1561	RN100212216

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
2	53B	OP-UA15 OP-REQ2	D	GRP-COAG
2	56A	OP-UA15	D	GRP-WASHCO
2	56B	OP-UA15	D	GRP-WASHCO

**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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
41	63ZZZZ-1	MAJOR	250-300	02-		EMER-A	CI
<i>ENG-1</i>	<i>63ZZZZ-1</i>	<i>MAJOR</i>	<i>500+</i>	<i>06+</i>		<i>NORMAL</i>	<i>CI</i>
<i>ENG-2</i>	<i>63ZZZZ-1</i>	<i>MAJOR</i>	<i>500+</i>	<i>06+</i>		<i>NORMAL</i>	<i>CI</i>
<i>ENG-3</i>	<i>63ZZZZ-1</i>	<i>MAJOR</i>	<i>500+</i>	<i>06+</i>		<i>NORMAL</i>	<i>CI</i>

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 5)**

Federal Operating Permit Program

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

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement
<i>ENG-1</i>	<i>63ZZZZ-1</i>			<i>NO</i>	<i>REDCO</i>	
<i>ENG-2</i>	<i>63ZZZZ-1</i>			<i>NO</i>	<i>REDCO</i>	
<i>ENG-3</i>	<i>63ZZZZ-1</i>			<i>NO</i>	<i>REDCO</i>	

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 6)**

Federal Operating Permit Program

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

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32B Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System
<i>ENG-1</i>	<i>63ZZZZ-1</i>	<i>NO</i>	<i>YES</i>	<i>OXCAT</i>		<i>CPMS</i>
<i>ENG-2</i>	<i>63ZZZZ-1</i>	<i>NO</i>	<i>YES</i>	<i>OXCAT</i>		<i>CPMS</i>
<i>ENG-3</i>	<i>63ZZZZ-1</i>	<i>NO</i>	<i>YES</i>	<i>OXCAT</i>		<i>CPMS</i>

**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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
<i>ENG-1</i>	<i>63IIII-1</i>	<i>2005+</i>	<i>NONE</i>	<i>NON</i>	<i>CON</i>	<i>0406+</i>
<i>ENG-2</i>	<i>63IIII-1</i>	<i>2005+</i>	<i>NONE</i>	<i>NON</i>	<i>CON</i>	<i>0406+</i>
<i>ENG-3</i>	<i>63IIII-1</i>	<i>2005+</i>	<i>NONE</i>	<i>NON</i>	<i>CON</i>	<i>0406+</i>

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)**

Federal Operating Permit Program

Table 5b: Title 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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
<i>ENG-1</i>	<i>63IIII-1</i>	<i>DIESEL</i>		<i>10-</i>	<i>NO</i>	<i>2017+</i>	
<i>ENG-2</i>	<i>63IIII-1</i>	<i>DIESEL</i>		<i>10-</i>	<i>NO</i>	<i>2017+</i>	
<i>ENG-3</i>	<i>63IIII-1</i>	<i>DIESEL</i>		<i>10-</i>	<i>NO</i>	<i>2017+</i>	

**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.
07/10/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
<i>ENG-1</i>	<i>63IIII-1</i>	<i>N365-560</i> <i>N368-560</i>	<i>NO</i>	<i>NO</i>		<i>MANU YES</i>		
<i>ENG-2</i>	<i>63IIII-1</i>	<i>N365-560</i> <i>N368-560</i>	<i>NO</i>	<i>NO</i>		<i>MANU YES</i>		
<i>ENG-3</i>	<i>63IIII-1</i>	<i>N365-560</i> <i>N368-560</i>	<i>NO</i>	<i>NO</i>		<i>MANU YES</i>		

**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.
07/10/2025	O1561	RN100212216

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
MEOHPRCVT1	R5121-1	NO	NO	REGVAPPL				
MEOHPRCVT2	R5121-1	NO	NO	REGVAPPL				
MAINPROC	R5121-1	NO	NO	REGVAPPL				
GRP-DRYERS	R5121-1	NO	NO	REGVAPPL		100-		NO
GRP-WASHCO	R5121-1	NO	NO	REGVAPPL		100-		NO
5	R5121-1	NO	NO	REGVAPPL		100-		NO
F1483	R5121-1	NO	NO	REGVAPPL		100-		NO
GRP-COAG	R5121-1	NO	NO	REGVAPPL		100-		NO
F7410	R5121-1	NO	NO	REGVAPPL		100-		NO
F43501 F3501	R5121-1	NO	NO	REGVAPPL		100-		NO
F43502 F3502	R5121-1	NO	NO	REGVAPPL		100-		NO

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.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
MEOHPRCVT1	R5121-1	NONE		FLARE	FL8432
MEOHPRCVT2	R5121-1	NONE		FLARE	FL8432
MAINPROC	R5121-1	NONE		FLARE	FL8432
GRP-DRYERS	R-5121-1	NONE			
GRP-WASHCO	R-5121-1	NONE			
5	R-5121-1	NONE			
F1483	R5121-1	NONE			
GRP-COAG	R-5121-1	NONE			
F7410	R5121-1	NONE		OTHER	410SCRUB
<i>FA3501</i>	<i>R5121-1</i>	NONE		OTHER	<i>FA3501</i>
<i>FA3502</i>	<i>R5121-1</i>	NONE		OTHER	<i>FA3502</i>

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

Federal Operating Permit Program

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

Date	Permit No.	Regulated Entity No.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
MAINPROC	R-5722-1	NO	NO		FLARE

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 32)**

Federal Operating Permit Program

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
MEOHPRCVT1	63FFFF-1	BLWFLR					
MEOHPRCVT2	63FFFF-1	BLWFLR					
MAINPROC	63FFFF-1	BLWFLR					

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 35)**

Federal Operating Permit Program

**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
MEOHPRCVT1	63FFFF-1	YES	NO	NO	NO	NO		NO	NONE
MEOHPRCVT2	63FFFF-1	YES	NO	NO	NO	NO		NO	NONE
MAINPROC	63FFFF-1	YES	NO	NO	NO	NO		NO	NONE

Texas Commission on Environmental Quality

Title V Existing

1561

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVAL BUSINESS UNIT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	95.042777
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212216
What is the name of the Regulated Entity (RE)?	EVAL BUSINESS UNIT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	-95.042777
Facility NAICS Code	
What is the primary business of this entity?	PRODUCE ETHYLENE VINYL ALCOHOL MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603315953
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kuraray America, Inc.
Texas SOS Filing Number	13289806
Federal Tax ID	
State Franchise Tax ID	11341199955

State Sales Tax ID	
Local Tax ID	
DUNS Number	948095245
Number of Employees	101-250
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	KURARAY AMERICA INC
Prefix	MR
First	NELSON
Middle	
Last	RODRIGUEZ-GARCIA
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11500 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	PASADENA
State	TX
ZIP	77507
Phone (###-###-####)	7138946149
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	nelson.rodriquez-garcia@kuraray.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	THOMAS MATHEW(KURARAY AMERICA...)
Prefix	KURARAY AMERICA INC
First	MR
Middle	THOMAS
Last	MATHEW
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

Zip

77507

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

2815499443

Extension

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

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

E-mail

thomas.mathew@kuraray.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

CHASE STEWART(KURARAY AMERICA...)

Organization Name

KURARAY AMERICA INC

Prefix

MR

First

CHASE

Middle

Last

STEWART

Suffix

Credentials

Title

HSE SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

ZIP

77507

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

8329852383

Extension

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

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

E-mail

chase.stewart@kuraray.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 37 Min 12 Sec

3) Permit Longitude Coordinate:

95 Deg 2 Min 34 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.

1561-38115

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.pdf](/ePermitsExternal/faces/file?fileId=268067)

Hash

94D2F17A195A3F012193A960C8CBC456A7E204FCD807F44B3A7D4C0B495652CC

MIME-Type

application/pdf

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)

[File Properties]

File Name

[OP-REQ2 Form.pdf](/ePermitsExternal/faces/file?fileId=268070)

Hash

0BC0BC723741E0C3BE6E5865AA916A9F1AAACD8A8AE68242C5B6F9C9829CCDC5

MIME-Type

application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name

[OP-PBRSUP Form.pdf](/ePermitsExternal/faces/file?fileId=268069)

Hash

13989C57FFF18413D5B1DE1222DE91CACC583258C1214E29F713B1CCBF4BA675

MIME-Type

application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name

[OP-SUMR Form.pdf](/ePermitsExternal/faces/file?fileId=268072)

Hash

786E0C5DBFDD60C1E3C874D4D0BBADD6BCDE6918F059DA94D0C6430016446415

MIME-Type

application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name

[OP-UA15 Form.pdf](/ePermitsExternal/faces/file?fileId=268074)

Hash

93FCD97F6EFEAE3D4FAF670B751F404DB4A573ECC66D228FD5D6950FD5412C4F

MIME-Type

application/pdf

[File Properties]

File Name	OP-UA2 Form.pdf
Hash	8677995319517ED1B5AFBBBF5A990944D1460D5C7C7948A67D9E6819F1A2E6E7
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 Void Request Form

Attach any other necessary information needed to complete the permit.

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 Thomas Mathew, the owner of the STEERS account ER105385.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1561.
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: Thomas Mathew OWNER OPERATOR

Account Number:	ER105385
Signature IP Address:	208.127.107.133
Signature Date:	2025-07-09
Signature Hash:	04B1490B541EFB06D882566E6756BD2803C906803383E838EBDE963C81D55015
Form Hash Code at time of Signature:	0117D60FFC9B02401AD83084CB40EDBE7A208E86EBB1FA4A67773D1A97AAD0D0

Submission

Reference Number:	The application reference number is 799449
Submitted by:	The application was submitted by ER105385/Thomas Mathew
Submitted Timestamp:	The application was submitted on 2025-07-09 at 14:02:35 CDT

Submitted From:

The application was submitted from IP address
208.127.107.133

Confirmation Number:

The confirmation number is 663613

Steers Version:

The STEERS version is 6.92

Permit Number:

The permit number is 1561

Additional Information

Application Creator: This account was created by Aaron B Hebert

From: [Gabriela Chio](#)
To: [Aaron Hebert](#)
Cc: chase.stewart@kuraray.com
Subject: RE: Technical Review -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit
Date: Thursday, July 10, 2025 7:30:00 AM
Attachments: [image001.png](#)

Good morning,

Thank you for submitting all updated forms in STEERS; it's greatly appreciated. All updated forms have been received.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Wednesday, July 9, 2025 2:34 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: chase.stewart@kuraray.com; R6AirPermitsTX@epa.gov; R12APDMail@tceq.texas.gov
Subject: RE: Technical Review -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Ms. Gaby – The updated form is about to be submitted via STEERS. The other forms have already been submitted. We did not receive your email until the 1st update was submitted. Please replace the OP-PBRSUP with the new update once you receive the STEERS update.

Aaron Hebert, PE
BGE, Inc.
[713.488.8371](tel:713.488.8371) p
[713.252.9111](tel:713.252.9111) m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Wednesday, July 9, 2025 1:30 PM
To: Aaron Hebert <ahebert@bgeinc.com>
Cc: chase.stewart@kuraray.com
Subject: RE: Technical Review -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

You don't often get email from gabriela.chio@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Aaron,

Thank you for your response. Since you stated that the authorization for COOLTOW-B is PBR 106.264, please confirm that it is not also authorized by PBRs 106.262 and 106.371 by resubmitting the full, updated OP-PBRSUP form with the entry for PBRs 106.262 and 106.371 for unit COOLTOW-B removed from Table D. An accurate OP-PBRSUP is needed.

Please notify me when all updated forms are fully submitted in STEERS (RO/DAR's e-signature) as I do not see the submission yet.

Thanks,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Aaron Hebert <ahebert@bgeinc.com>
Sent: Wednesday, July 9, 2025 12:12 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: chase.stewart@kuraray.com; R6AirPermitsTX@epa.gov; R12APDMail <R12APDMail@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Gabriela – Attached are updated forms in response to your questions. Below are responses in red text to your questions. Please let us know if you need anything else.

- Resubmit the full OP-PBRSUP with the following updates:
 - In Tables A and D, provide correct registration numbers for units 52A, 52C1, and AREA2. '45571' and '13127' are not registration numbers for these units. – **Please see updated forms submitted via STEERS.**
 - In Table A, provide the correct registration dates for PBR registration number 175769 (units AREA1, AREA3, AREA4, and 407) and PBR registration number 176501 (units FL8432 and V51212AATK). - **Please see updated forms submitted via STEERS.**
 - Unit COOLTOW-B monitoring for registered PBRs 106.262 and 106.371 was included in Table D. Since the unit has registered PBRs specified in Table D, include unit COOLTOW-B in Table A. - **The authorization for COOLTOW-B is 106.264, which does not have a registration number. The PBR was included in Table B.**
 - In the OP-REQ1, pg. 89, PBR 106.263 is specified but is missing from the OP-PBRSUP. Add PBR 106.263 to the OP-PBRSUP. - **Please see updated forms submitted via STEERS.**
- For units ENG-1, ENG-2, and ENG-3, in OP-UA2, Table 5c, the code for 'Kilowatts' is not valid. Resubmit OP-UA2, Table 5c with a valid code for 'Kilowatts'. - **Please see updated forms submitted via STEERS.**
- The OP-SUMR specifies unit IDs F3501 and F3502, but the OP-UA15 specifies the unit IDs FA3501 and FA3502. Confirm the correct unit IDs for these two units by either re-submitting the OP-SUMR or the OP-UA15, Tables 2a-2b with the correct unit IDs. - **Please see updated forms submitted via STEERS.**
- Periodic Monitoring is needed for unit F7410 since the rule does not have sufficient monitoring. Submit an OP-MON for pollutant VOC for 30 TAC Chapter 115, Subchapter B: Vent Gas Control. - **There was an error in entering the codes on the UA15 for Unit ID F7410. Please refer to the changes in the codes on the UA15 Table 2a.**
- Since an OP-MON is needed for periodic monitoring, resubmit OP-REQ1, pg. 83 with Question XI.K.1. answered 'Yes'. - **See previous comment.**
- Resubmit the OP-REQ2 with the following updates:
 - For units V-55211, V-55212, and V-5522, update the Negative Applicability Citation for NSPS Kb. The citation needs to specify the citation detail down to the level of the paragraph for the non-applicability. - **Please see updated forms submitted via STEERS.**
 - For units V-55211, V-55212, and V-5522, update the negative applicability reason to say: "Storage tank was constructed, reconstructed, or modified after October

4, 2023.” The negative applicability reason needs to specifically reference the rule language. - **Please see updated forms submitted via STEERS.**

Aaron Hebert, PE

BGE, Inc.

713.488.8371 p

713.252.9111 m

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Thursday, June 26, 2025 2:07 PM

To: chase.stewart@kuraray.com

Cc: Aaron Hebert <ahebert@bgeinc.com>

Subject: RE: Technical Review -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

You don't often get email from gabriela.chio@tceq.texas.gov. [Learn why this is important](#)

Good afternoon,

I have completed my technical review of the SOP renewal for Kuraray American Inc and found that additional information is needed.

Please submit the following to Title V STEERS by **July 10, 2025**.

- Resubmit the full OP-PBRSUP with the following updates:
 - In Tables A and D, provide correct registration numbers for units 52A, 52C1, and AREA2. ‘45571’ and ‘13127’ are not registration numbers for these units.
 - In Table A, provide the correct registration dates for PBR registration number 175769 (units AREA1, AREA3, AREA4, and 407) and PBR registration number 176501 (units FL8432 and V51212AATK).
 - Unit COOLTOW-B monitoring for registered PBRs 106.262 and 106.371 was included in Table D. Since the unit has registered PBRs specified in Table D, include unit COOLTOW-B in Table A.
 - In the OP-REQ1, pg. 89, PBR 106.263 is specified but is missing from the OP-PBRSUP. Add PBR 106.263 to the OP-PBRSUP.
- For units ENG-1, ENG-2, and ENG-3, in OP-UA2, Table 5c, the code for ‘Kilowatts’ is not valid. Resubmit OP-UA2, Table 5c with a valid code for ‘Kilowatts’.
- The OP-SUMR specifies unit IDs F3501 and F3502, but the OP-UA15 specifies the unit IDs FA3501 and FA3502. Confirm the correct unit IDs for these two units by either re-submitting the OP-SUMR or the OP-UA15, Tables 2a-2b with the correct unit IDs.
- Periodic Monitoring is needed for unit F7410 since the rule does not have sufficient monitoring. Submit an OP-MON for pollutant VOC for 30 TAC Chapter 115, Subchapter

B: Vent Gas Control.

- Since an OP-MON is needed for periodic monitoring, resubmit OP-REQ1, pg. 83 with Question XI.K.1. answered 'Yes'.
- Resubmit the OP-REQ2 with the following updates:
 - For units V-55211, V-55212, and V-5522, update the Negative Applicability Citation for NSPS Kb. The citation needs to specify the citation detail down to the level of the paragraph for the non-applicability.
 - For units V-55211, V-55212, and V-5522, update the negative applicability reason to say: "Storage tank was constructed, reconstructed, or modified after October 4, 2023." The negative applicability reason needs to specifically reference the rule language.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application updates is required to be submitted. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

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

Please notify me when these updates have been submitted.

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

Please let me know if you have any questions.

Thank you,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711

Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio
Sent: Friday, June 6, 2025 11:51 AM
To: chase.stewart@kuraray.com
Cc: ahebert@bgeinc.com
Subject: Technical Review -- FOP O1561/Project 38115, Kuraray American Inc./EVAL Business Unit

Good afternoon,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1561 for Kuraray American Inc., EVAL Business Unit. This application has been assigned Project No. 38115. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

Please notify me when these updates have been submitted.

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

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_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,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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May 2, 2025

SUMBITTED IN STEERS

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

Re: Renewal
Federal Operating Permit No.: O1561
EVAL Business Unit
Kuraray America, Inc.
Pasadena, Harris County
Regulated Entity Number: RN100212216
Customer Reference Number: CN603315953
TCEQ Air Account No. HG13100

Dear APIRT:

Kuraray America, Inc. (Kuraray) is submitting the attached Title V renewal application for the EVAL Business Unit, which is authorized by New Source Review (NSR) Permit No. 9576. Kuraray operates under the Federal Operating Permits (FOP) program, which includes FOP No. O1561.

Included in the application are changes to the permit to reflect recent changes. This submittal constitutes a renewal application, which includes the following forms:

- Form OP-1 – Site Information Summary;
- Form OP-2 – Application for Permit Revision/Renewal;
- Form OP-SUMR – Individual Unit Summary for Revisions;
- Form OP-ACPS – Application Compliance Plan and Schedule;
- Form OP-CRO1 – Certification by Responsible Official;
- Form OP-REQ1 – Application Area-wide Applicability Determinations and General Information;
- Form OP-REQ2 – Negative Applicable Requirement Determinations;
- Forms OP-UA2, OP-UA3, OP-UA4, OP-UA7, OP-UA12, OP-UA13, OP-UA15, and OP-UA60 – Unit Attribute forms; and
- Form OP-PBR SUP – Permits by Rule Supplemental Table.



If you have any questions during your review of this renewal application, please contact Mr. Chase Stewart at (832) 985-2383 or by email at chase.stewart@kuraray.com or our consultant Mr. Aaron Hebert at (713) 488-8371 or by email at ahebert@bgeinc.com.

Sincerely,

Chase Stewart
HSE Specialist

Attachments

cc:

Air Section Manager
Region 12, TCEQ – Houston
5425 Polk Street, Suite H
Houston TX 77023-1452
R12APDMail@tceq.texas.gov

Air Permits Section (ARPE)
Environmental Protection Agency (EPA) Region 6–Dallas
R6AirPermitsTX@epa.gov

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

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

I. Company Identifying Information
A. Company Name: Kuraray America, Inc.
B. Customer Reference Number (CN): CN603315953
C. Submittal Date (mm/dd/yyyy): 05/02/2025
II. Site Information
A. Site Name: Eval Business Unit
B. Regulated Entity Reference Number (RN): RN100212216
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
☒ VOC ☐ NO _x ☐ SO ₂ ☐ PM ₁₀ ☐ CO ☐ Pb ☒ HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? ☐ Yes ☒ No
F. Is the site within a local program area jurisdiction? ☐ Yes ☒ No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ Yes ☒ No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? ☐ 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: Nelson Rodriguez-Garcia
RO Title: General Manager
Employer Name: Kuraray America, Inc. (EVAL Business Unit)
Mailing Address: 11500 Bay Area Blvd.
City: Pasadena
State: Texas
ZIP Code: 77507
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-894-6149
Fax No.:
Email: nelson.rodriquez-garcia@kuraray.com

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Technical Contact Full Name: Chase Stewart
Technical Contact Title: HSE Specialist
Employer Name: Kuraray America, Inc.
Mailing Address: 11500 Bay Area Blvd.
City: Pasadena
State: Texas
ZIP Code: 77507
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 832-985-2383
Fax No.:
Email: chase.stewart@kuraray.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Mayes Middleton, District 11
B. State Representative: Dennis Paul, District 129
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 <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: EVAL Business Unit
B. Physical Address: 11500 Bay Area Blvd.
City: Pasadena
State: Texas
ZIP Code: 77507
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

**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): 29° 37' 12"
H. Longitude (nearest second): 95° 2' 34"
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
L. Affected Source Plant Code (or ORIS/Facility Code):
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: La Porte Public Library
B. Physical Address: 600 South Broadway Street
City: La Porte
ZIP Code: 77571
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: Chase Stewart
Contact Mailing Address: 11500 Bay Area Blvd.
City: Pasadena
State: Texas
ZIP Code: 77507
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 832-985-2383

**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 TCEQ or the Office of Attorney General on behalf of 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
Site Information Summary
Form OP-1 (Page 7)
Texas Commission on Environmental Quality**

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 05/02/2025	
Permit No.: O1561	
Regulated Entity No.: RN100212216	
Company Name: Kuraray America, Inc.	
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: <i>(Check the appropriate box[es].)</i>
☒ VOC ☐ NO _x ☐ SO ₂ ☐ PM ₁₀ ☐ CO ☐ Pb ☒ HAP
Other:
IV. Reference Only Requirements (For reference only)
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A
V. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

Date: 05/02/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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	407 AREA 6	OP-UA12 OP-SUMR	9576, 106.261/11/01/2003[175769], 106.262/11/01/2003[175769]	Change Unit ID 407 to AREA 6.
2	MS-C	NO	53B 56A 56B	OP-SUMR	9576	Remove the Unit IDs from the permit. The Unit IDs were not constructed.
3	MS-C	NO	PLANT	OP-UA12 OP-SUMR	9576	Remove the Unit ID from the permit. IDs representing fugitives are represented by other Unit IDs.
4	MS-C	YES	ENG-1 ENG-2 ENG-3	OP-UA2 OP-SUMR	106.512/06/13/2001[167932]	Add engines to the permit.

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

Date: 05/02/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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	MS-C	YES	F3501 F3502	OP-UA15 OP-SUMR	106.262/11/01/2003[178883]	Add Unit ID to permit.
6	MS-C	YES	V-8507	OP-UA3 OP-SUMR	106.478/09/04/2000[178883]	Add Unit ID to permit.
7	SIG-E	YES	CT-8510	OP-UA13 OP-REQ2 OP-SUMR	106.371/09/04/2000/[178883]	Add Unit ID to permit.

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

Date: 05/02/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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		
8	MS-C	NO	V5107 V5109 V5114 V5116 V51211AATK V5122AATK V5307 V8104VACTK V8107BRTK V8307BRTK	OP-UA3 OP-SUMR	9576	Update UA codes for storage tanks on Table 4.
9	MS-C	NO	V51212AATK	OP-UA3 OP-SUMR	9576, 106.478/09/04/2000[176501]	Update UA codes for storage tanks on Table 4.
10	MS-C	NO	V8106AATK	OP-UA3 OP-SUMR	9576 106.472/09/04/2000[81932] 106.478/09/04/2000[81932]	Update UA codes for storage tanks on Table 4.

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

Date: 05/02/2025
Permit No.: O1561
Regulated Entity No.: RN100212216
Company Name: Kuraray America, Inc.

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		
11	MS-C	YES	V-55211 V-55212 V-5522	OP-UA3 OP-SUMR OP-REQ2	106.472/09/04/2000 [178883]	Adding tanks associated with future Acetic Recovery Unit.
12	MS-C	YES	527	OP-UA12 OP-SUMR OP-REQ2	106.261/11/01/2003[178883], 106.262/11/01/2003[178883]	Add Unit ID to Title V permit.
13	MS-C	NO	41	OP-SUMR	106.511/03/14/1997	Revise NSR Authorization.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Date: 05/02/2025	
Permit No.: O1561	
Regulated Entity No.: RN100212216	
Company Name: Kuraray America, Inc.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
B. Indicate the alternate language(s) in which public notice is required:	SPANISH
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

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

Date: 05/02/2025	Regulated Entity No.: RN100212216	Permit No.: O1561
Company Name: Kuraray America, Inc.		Area Name: EVAL Business Unit

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

Part 1

A. Compliance Plan — Future Activity Committal Statement	
The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	☒ YES ☐ NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ☒ NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
* 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.	

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

Date	Permit Number	Regulated Entity Number
05/02/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
2C1 FL8432	28727	118 106.262	04/20/1995 03/31/1999
52A 52C1	45571 33413	118	08/28/1996
6A	44286	106.261	05/12/2000
V8106AATK	81932	106.478 106.472	06/01/2007 08/14/2007
AREA2	13127 131327	106.261 106.262	07/06/2016
ENG-1 ENG-2 ENG-3	167932	106.512	03/25/2022
AREA1 AREA3 AREA4 407	175769	106.261 106.262	03/22/2024 3/29/2024
FL8432 V51212AATK	176501	106.261 106.262 106.478	05/30/2024 7/12/2024

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

Date	Permit Number	Regulated Entity Number
05/02/2025	O1561	RN100212216

Unit ID No.	Registration No.	PBR No.	Registration Date
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	178883	106.261 106.262 106.472 106.478 106.371	01/28/2025

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

Date	Permit Number	Regulated Entity Number
05/02/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date
41	106.511	03/14/1997
COOLTOW-B	106.264	09/04/2000
DEGREASER	106.454	11/01/2001

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

Date	Permit Number	Regulated Entity Number
05/02/2025	O1561	RN100212216

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
05/02/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
2C1 FL8432	118 106.262	28727	Record annual production rates.
52A 52C1	118	45571	Record annual production rates.
6A	106.261	44286	Record annual production rates.
V8106AATK	106.478 106.472	81932	Record annual tank throughput.
AREA2	106.261 106.262	13127	LDAR monitoring program.
COOLTOW-B	106.371 106.262	140894	Monitor for VOC leaks into the cooling tower.
ENG-1 ENG-2 ENG-3	106.512	167932	Record operating hours.
AREA1 AREA3 AREA4 407	106.261 106.262	175769	LDAR monitoring program.
FL8432 V51212AATK	106.261 106.262 106.478	176501	Record annual tank throughput.

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

Date	Permit Number	Regulated Entity Number
05/02/2025	O1561	RN100212216

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
F3501 F3502 FL8432 V-8506-1 V-8506-2 V-8506-3 V-8506-4 V5123WATK LOADUNLOAD V7410 CT8510 V-8507 V-55211 V-55212 V-5522 527	106.261 106.262 106.472 106.478 106.371	178883	LDAR monitoring program, record annual tank throughputs, monitor for VOC leaks into the cooling water.
41	106.511	03/14/1997	Monitor operating hours.
COOLTOW-B	106.264	09/04/2000	Monitor for VOC leaks into the cooling water.
DEGREASER	106.454	11/01/2001	Monitor amount of degreaser used per year.

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 1)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 2)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 3)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 4)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 5)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 6)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 7)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 8)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 9)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
	O1561	RN100212216

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
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
<i>Asbestos Spray Application</i>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "No," go to Question VII.E.5.</i>	☐ Yes ☐ No
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.</i>	☐ Yes ☐ No
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
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
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "No," go to Question VII.E.6.</i>	☐ Yes ☐ No
a. Visible emissions are discharged to outside air from the manufacturing operation.	☐ Yes ☐ No
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No
c. Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
d. Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
e. Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No

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

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

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

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

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
<i>Individual Drain Systems (continued)</i>	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "No," go to Question VII.H.25.</i>	☐ 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
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ No
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	☒ Yes ☐ No
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "No," go to Section VIII.D.</i>	☒ Yes ☐ No

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)		
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>		
8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.</i>	☐ 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
<i>Transfer Racks</i>		
11.	The application area includes Group 1 transfer racks that load organic HAPs.	☐ Yes ☐ No
<i>Process Wastewater Streams</i>		
12.	The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i>	☐ Yes ☐ No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.</i>	☐ 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. <i>If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.</i>	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	☐ Yes ☐ No
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.</i>	☐ Yes ☐ No
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19. The application 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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)		
4.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.</i>	☐ Yes ☐ No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.</i>	☐ Yes ☐ No
6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.</i>	☐ Yes ☐ No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.</i>	☐ Yes ☐ No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.</i>	☐ Yes ☐ No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.</i>	☐ Yes ☐ No
10.	The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "No," go to Section VIII.H.</i>	☐ Yes ☐ No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry		
1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "No," go to Section VIII.I.</i>	☐ Yes ☒ No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "No," go to Section VIII.I.</i>	☐ Yes ☐ No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "No," go to Section VIII.I.</i>	☐ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☐ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☐ No
6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "No," go to Section VIII.I.</i>	☐ Yes ☐ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning		
1.	The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	☐ Yes ☒ No
2.	The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	☐ Yes ☒ No
3.	The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	☐ Yes ☒ No
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins		
1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "No," go to Section VIII.K.</i>	☐ Yes ☒ No
2.	Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "No," go to Section VIII.K.</i>	☐ Yes ☐ No
3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.</i>	☐ Yes ☐ No
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.</i>	☐ Yes ☐ No
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.</i>	☐ Yes ☐ No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting		
1.	The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.</i>	☐ Yes ☒ No ☐ N/A
2.	The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	☐ Yes ☐ No
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations		
1.	The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	☐ Yes ☒ No
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries		
Applicability		
1.	The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "No," go to Section VIII.O.</i>	☐ Yes ☒ No
2.	All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.</i>	☐ Yes ☐ No

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

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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)	
<i>Applicability (continued)</i>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	☐ Yes ☐ No
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ Yes ☐ No
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ Yes ☐ No
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ Yes ☐ No
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ Yes ☐ No
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i>	☐ Yes ☒ No ☐ N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☐ Yes ☐ No
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	☐ Yes ☐ No

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities		
1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.</i>	☐ Yes ☒ No ☐ N/A
2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ No
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.		
◆ 1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	☐ Yes ☒ No
◆ 2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i>	☐ Yes ☒ No
◆ 3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i>	☐ Yes ☐ No
◆ 4.	The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i>	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆ 5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft ³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i> <i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i>	☐ Yes ☐ No
◆ 6.	The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.</i>	☐ Yes ☐ No
◆ 7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	☐ Yes ☐ No
◆ 8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	☐ Yes ☐ No
◆ 9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐ Yes ☐ No

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

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

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.</i>	☐ Yes ☐ No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ Yes ☐ No
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ Yes ☐ No
12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.</i>	☐ Yes ☐ No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.</i>	☐ Yes ☐ No
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>	☐ Yes ☐ No
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	☐ Yes ☐ No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ Yes ☐ No
20. The application area includes an ethylene production process unit.	☐ Yes ☐ No ☒ N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.</i>	☐ Yes ☐ No ☒ N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.</i>	☐ Yes ☐ No
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.</i>	☐ Yes ☐ No
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.</i>	☐ Yes ☐ No

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
25.	The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	☐ Yes ☐ No
26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.</i>	☐ Yes ☐ No
27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.</i>	☐ Yes ☐ No
28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.</i>	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.</i>	☐ Yes ☐ No
31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	☐ Yes ☐ No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.</i>	☐ Yes ☐ No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.</i>	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ No
36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.</i>	☐ Yes ☐ No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.</i>	☐ Yes ☐ No

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

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

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "No," go to Section VIII.X.</i>	☐ Yes ☒ No
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ No
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "No," go to Section VIII.Y.</i>	☐ Yes ☒ No
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "No," go to Section VIII.Y.</i>	☐ Yes ☐ No
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.</i>	☐ Yes ☐ No
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.</i>	☐ Yes ☐ No

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

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◆ 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
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.</i>	☐ Yes ☐ No
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ Yes ☐ No
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "No," go to Section VIII.Y.</i>	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
<i>Drains (continued)</i>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	☐ Yes ☐ No
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	☐ Yes ☐ No
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.		
1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	☐ Yes ☒ No
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.		
◆ 1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	☐ Yes ☒ No
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)		
1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	☒ Yes ☐ No
2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☒ Yes ☐ No
3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i>	☒ Yes ☐ No
4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i>	☒ Yes ☐ No

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
23. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ Yes ☐ No
24. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.</i>	☒ Yes ☐ No
25. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.</i>	☐ Yes ☐ No
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	☐ Yes ☐ No
27. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	☐ Yes ☐ No
28. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	☐ Yes ☐ No

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

BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.

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

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| 1. The application area includes a facility at which a site remediation is conducted.
<i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i> | ☐ Yes ☒ No |
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| 2. The application area is located at a site that is a major source of HAP.
<i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i> | ☐ Yes ☐ No |
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| 3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).
<i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i> | ☐ Yes ☐ No |
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| 4. All site remediation activities are complete, and the Administrator has been notified in writing.
<i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i> | ☐ Yes ☐ No |
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| 5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.
<i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i> | ☐ Yes ☐ No |
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| 6. The site remediation will be completed within 30 consecutive calendar days. | ☐ Yes ☐ No |
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| 7. No site remediation will exceed 30 consecutive calendar days.
<i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i> | ☐ Yes ☐ No |
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| 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 |
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| 9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.
<i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i> | ☐ Yes ☐ No |
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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	☐ Yes ☐ No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	☐ Yes ☐ No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	☐ Yes ☐ No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	☐ Yes ☐ No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>	☐ Yes ☐ No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	☐ Yes ☐ No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	☐ Yes ☐ No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ Yes ☐ No
18.	The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ Yes ☐ No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ Yes ☐ No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ Yes ☐ No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
DD. Subpart YYYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i>	☐ Yes ☒ No
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>	☐ Yes ☐ No
3. Metallic scrap is utilized in the EAF.	☐ Yes ☐ No
4. Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
EE. Subpart BBBB BB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>	☐ Yes ☒ No
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB BB, 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 BBBB BB.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)		
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.</i>	☐ Yes ☐ No
5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐ Yes ☐ No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.</i>	☐ Yes ☐ No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.</i>	☐ Yes ☐ No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ Yes ☐ No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.</i>	☐ Yes ☐ No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)		
11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	☐ Yes ☐ No
FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities		
◆ 1.	The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>	☐ Yes ☒ No
◆ 2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.</i>	☐ Yes ☐ No
◆ 3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ No
◆ 4.	The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	☐ Yes ☐ No
GG. Recently Promulgated 40 CFR Part 63 Subparts		
◆ 1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	☒ Yes ☐ No
◆ 2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart ZZZZ		

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions		
A. Applicability		
◆ 1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	☒ Yes ☐ No
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone		
A. Subpart A - Production and Consumption Controls		
◆ 1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	☐ Yes ☒ No ☐ N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners		
◆ 1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	☐ Yes ☒ NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆ 1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	☐ Yes ☒ No ☐ N/A
D. Subpart D - Federal Procurement		
◆ 1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆ 1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	☐ Yes ☒ No ☐ N/A
◆ 2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ N/A
◆ 3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	☐ Yes ☒ No ☐ N/A

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

XI. Miscellaneous (continued)		
B. Forms		
◆ 1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.</i>	☒ 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.	
63 Subpart FFFF, 60 Subpart Kc		
C. Emission Limitation Certifications		
◆ 1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☒ Yes ☐ No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements		
1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐ Yes ☒ No
2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ No
3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	☐ Yes ☒ No
4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆ 1.	The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	☐ Yes ☒ No
◆ 2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☐ Yes ☐ No
◆ 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

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

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. <i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i>	☐ 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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

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

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- ◆ For 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
9576	08/30/2024				

- ◆ **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
118	05/04/1994	106.472	09/04/2000		
106.261	12/24/1998	106.478	09/04/2000		
106.261	11/01/2003	106.511	03/14/1997		
106.262	12/24/1998	106.512	06/13/2001		
106.262	11/01/2003	106.454	11/01/2001		
106.263	11/01/2001				
106.264	09/04/2000				
106.371	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

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

Date	Permit No.	Regulated Entity No.
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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		42	OP-REQ2	Chapter 115, Storage of VOCs	§115.112(a)(1)	Tank capacity is less than 1000 gals.
		COOLTOW-A	OP-REQ2	MACT Q	§63.400(a)	Chromium is not used in this cooling tower
		COOLTOW-B	OP-REQ2	MACT Q	§63.400(a)	Chromium is not used in this cooling tower
		8	OP-REQ2	Chapter 115, Industrial Wastewater	§115.140(2)	The wastewater stream is not an affected stream, as defined in 115.140(2), because the VOC concentration is less than 1000 ppmw.
		DEGREASER	OP-REQ2	Chapter 115, Degreasing Processes	§115.411(1)	Solvent TVP < 0.6 psia at 100 F, drain area is less than 16 square inches, and waste is disposed of in enclosed containers.
		GRP-COAG	OP-REQ2	NSPS RRR	§60.700(b)	Facility was constructed prior to 06/29/90.
		GRP-COAG	OP-REQ2	MACT F	§63.100(b)(1)(ii)(A) or (B)	The primary product is ethylene vinyl alcohol copolymer which is not listed in Table 1 or 63.100(b)(1)(ii)(A) or (B).
		V5101	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5101	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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

Date	Permit No.	Regulated Entity No.
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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		V5102	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5102	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5103	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5103	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5104	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5104	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5105	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5105	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5106	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5106	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5107	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5107	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5108	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5108	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5109	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5109	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5110	OP-REQ2	MACT EEEE	§63.2338(a)	Facility is an affected source under MACT FFFF
		V5110	OP-REQ2	NSPS Kb	§63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5111	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5111	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5112	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5112	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5113	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5113	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5114	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5114	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5114	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V5115	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5115	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5115	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V5116	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF

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		V5116	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5117	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5117	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5118	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5118	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5119	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5119	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5120	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF

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		V5120	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5122AATK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5122AATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5122AATK	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V5123WATK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5123WATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5129	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF

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		V5129	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5129	OP-REQ2	MACT G	63.100(b)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5301	OP-REQ2	MACT EEEE	63.2338(a)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5301	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5302	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5302	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5304	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5304	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5307	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5307	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5310	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5310	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5318	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5318	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5319	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5319	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5401	OP-REQ2	MACT EEEE	63.2338(a)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5401	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5402	OP-REQ2	MACT EEEE	63.2338(a)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5402	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V5412	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5412	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V5417	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8104VACTK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8104VACTK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8105METK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8105METK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8106AATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V8106AATK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8107BRTK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8107BRTK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8301MEOAC	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8301MEOAC	OP-REQ2	MACT G	63.100(b)	Storage vessel has not been assigned to a chemical manufacturing process unit that is subject the Subpart F.
		V8301MEOAC	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8305	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V8305	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V8307BRTK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V8307BRTK	OP-REQ2	MACT EEEE	63.2338(a)	Facility is an affected source under MACT FFFF
		V5413	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V7410	OP-REQ2	MACT G	63.100(b)	Facility is an affected source under MACT FFFF
		V7410	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V51211AATK	OP-REQ2	MACT FFFF	§63.2435(b)	Storage tank does not store HAPS.
		V51211AATK	OP-REQ2	NSPS Kb	§60.110b(b)	Storage tank stores liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa).

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		V51212AATK	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		MAINPROC	OP-REQ2	NSPS NNN	63.1100(g)(2)(ii)	Process vents from distillation units subject to 40 CFR 60 Subpart NNN and 40 CFR 63 Subpart FFFF are required to comply only with the requirements of Subpart FFFF.
		PRO1100LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		PRO1200LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		PRO1300LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		PRO1400LINE	OP-REQ2	MACT F	63.100(b)(1)	The process unit does not manufacture as a primary product one or more of the chemicals listed in paragraphs 63.100(b)(1)(i) or (b)(1)(ii) of this subpart.
		V-8501	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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		V-8505	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-1	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-2	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-3	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.
		V-8506-4	OP-REQ2	NSPS Kb	63.2535(c)	Facilities are affected sources under MACT FFFF. A storage tank subject to control under NSPS Kb, may elect to comply only with the requirements for Group 1 storage tanks in this subpart FFFF.

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A	7	CT-8510	OP-REQ2	MACT Q	63.400(a)	Chromium is not used in this cooling tower
A	11	V-55211	OP-REQ2	MACT FFFF	63.2435(b)	Storage tank does not store HAPS.
A	11	V-55212	OP-REQ2	MACT FFFF	63.2435(b)	Storage tank does not store HAPS.
A	11	V-5522	OP-REQ2	MACT FFFF	63.2435(b)	Storage tank does not store HAPS.
A	11	V-55211	OP-REQ2	NSPS Kb	60.110b	Storage tank constructed after October 4, 2023.
A	11	V-55212	OP-REQ2	NSPS Kb	60.110b	Storage tank constructed after October 4, 2023.
A	11	V-5522	OP-REQ2	NSPS Kb	60.110b	Storage tank constructed after October 4, 2023.
A	11	V-5522	OP-REQ2	NSPS Kc	60.110c(b)(8)	Storage vessel that stores a VOL with a maximum true vapor pressure less than 0.25 psia.
A	12	527	OP-REQ2	Chapter 115, HRVOC Fugitive Emissions	115.780(a)	HRVOC is not a raw material, intermediate, final product, or waste stream in the process unit.

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Individual Unit Summary for Revisions
Form OP-SUMR**

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	1	AREA 6	OP-UA12	Fugitive		9576, 106.261/11/01/2003[175769], 106.262/11/01/2003[175769]	
D	2	53B	OP-SUMR	Coagulation Vent II-B		9576	
D	2	56A	OP-SUMR	Wash Column C1307 Vent		9576	
D	2	56B	OP-SUMR	Wash Column C1407 Vent		9576	
D	3	PLANT	OP-UA12	Fugitive		9576	
A	4	ENG-1	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	4	ENG-2	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	4	ENG-3	OP-UA2	Diesel Engine – Air Compressors		106.512/06/13/2001[167932]	
A	5	F3501	OP-UA15	Acetic Acid Scrubber Vent		106.262/11/01/2003[178883]	

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A	5	F3502	OP-UA15	Acetic Acid Scrubber Vent		106.262/11/01/2003[178883]	
A	6	V-8507	OP-UA3	Methanol Storage Tank		106.478/09/04/2000[178883]	
A	7	CT-8510	OP-UA13 OP-REQ2	Cooling Tower – Acetic Acid Recovery		106.371/09/04/2000/[178883]	
	8	V5107	OP-UA3	Process Tank		9576	
	8	V5109	OP-UA3	Process Tank		9576	
	8	V5114	OP-UA3	Process Tank		9576	
	8	V5116	OP-UA3	Process Tank		9576	
	8	V51211AATK	OP-UA3	Acetic Acid Tank		9576	
	8	V5122AATK	OP-UA3	Acetic Acid Tank		9576	
	8	V5307	OP-UA3	Storage Tank		9576	

**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.
05/02/2025	O1561	RN100212216

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
	8	V8104VACTK	OP-UA3	Vinyl Acetate Storage Tank		9576	
	8	V8107BRTK	OP-UA3	Brine Circulation Tank		9576	
	8	V8307BRTK	OP-UA3	Brine Circulation Tank		9576	
	9	V51212AATK	OP-UA3	Acetic Acid Tank		9576, 106.478/09/04/2000[176501]	
	10	V8106AATK	OP-UA3	Storage Tank		9576 106.472/09/04/2000[81932] 106.478/09/04/2000[81932]	
A	11	V-55211	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	11	V-55212	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	11	V-5522	OP-UA3 OP-REQ2	Acetic Acid Tank		106.472/09/04/2000[178883]	
A	12	527	OP-UA12 OP-REQ2	Acetic Recovery Fugitives		106.261/11/01/2003[178883], 106.262/11/01/2003[178883]	

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.

**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.
05/02/2025	O1561	RN100212216

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
	13	41	OP-SUMR	Fire Water Pump		<i>06/03/15/1985</i> <i>106.511/03/14/1997</i>	

**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.
05/02/2025	O1561	RN100212216

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
2	53B	OP-UA15 OP-REQ2	D	GRP-COAG
2	56A	OP-UA15	D	GRP-WASHCO
2	56B	OP-UA15	D	GRP-WASHCO

**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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
41	63ZZZZ-1	MAJOR	250-300	02-		EMER-A	CI
<i>ENG-1</i>	<i>63ZZZZ-1</i>	<i>MAJOR</i>	<i>500+</i>	<i>06+</i>		<i>NORMAL</i>	<i>CI</i>
<i>ENG-2</i>	<i>63ZZZZ-1</i>	<i>MAJOR</i>	<i>500+</i>	<i>06+</i>		<i>NORMAL</i>	<i>CI</i>
<i>ENG-3</i>	<i>63ZZZZ-1</i>	<i>MAJOR</i>	<i>500+</i>	<i>06+</i>		<i>NORMAL</i>	<i>CI</i>

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 5)**

Federal Operating Permit Program

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

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement
<i>ENG-1</i>	<i>63ZZZZ-1</i>			<i>NO</i>	<i>REDCO</i>	
<i>ENG-2</i>	<i>63ZZZZ-1</i>			<i>NO</i>	<i>REDCO</i>	
<i>ENG-3</i>	<i>63ZZZZ-1</i>			<i>NO</i>	<i>REDCO</i>	

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 6)**

Federal Operating Permit Program

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

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32B Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System
<i>ENG-1</i>	<i>63ZZZZ-1</i>	<i>NO</i>	<i>YES</i>	<i>OXCAT</i>		<i>CPMS</i>
<i>ENG-2</i>	<i>63ZZZZ-1</i>	<i>NO</i>	<i>YES</i>	<i>OXCAT</i>		<i>CPMS</i>
<i>ENG-3</i>	<i>63ZZZZ-1</i>	<i>NO</i>	<i>YES</i>	<i>OXCAT</i>		<i>CPMS</i>

**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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
<i>ENG-1</i>	<i>63IIII-1</i>	<i>2005+</i>	<i>NONE</i>	<i>NON</i>	<i>CON</i>	<i>0406+</i>
<i>ENG-2</i>	<i>63IIII-1</i>	<i>2005+</i>	<i>NONE</i>	<i>NON</i>	<i>CON</i>	<i>0406+</i>
<i>ENG-3</i>	<i>63IIII-1</i>	<i>2005+</i>	<i>NONE</i>	<i>NON</i>	<i>CON</i>	<i>0406+</i>

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)**

Federal Operating Permit Program

Table 5b: Title 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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
<i>ENG-1</i>	<i>63IIII-1</i>	<i>DIESEL</i>		<i>10-</i>	<i>NO</i>	<i>2017+</i>	
<i>ENG-2</i>	<i>63IIII-1</i>	<i>DIESEL</i>		<i>10-</i>	<i>NO</i>	<i>2017+</i>	
<i>ENG-3</i>	<i>63IIII-1</i>	<i>DIESEL</i>		<i>10-</i>	<i>NO</i>	<i>2017+</i>	

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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
<i>ENG-1</i>	<i>63IIII-1</i>	<i>N365-560</i>	<i>NO</i>	<i>NO</i>		<i>MANU YES</i>		
<i>ENG-2</i>	<i>63IIII-1</i>	<i>N365-560</i>	<i>NO</i>	<i>NO</i>		<i>MANU YES</i>		
<i>ENG-3</i>	<i>63IIII-1</i>	<i>N365-560</i>	<i>NO</i>	<i>NO</i>		<i>MANU YES</i>		

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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
V5101	R5112	NO		VOC1	A25K-40K			
V5102	R5112	NO		VOC1	A25K-40K			
V5103	R5112	NO		VOC1	A25K-40K			
V5104	R5112	NO		VOC1	A1K-25K			
V5105	R5112	NO		VOC1	A1K-25K			
V5106	R5112	NO		VOC1	A1K-25K			
V5107	R5112	NO		VOC1	A40K+ A1K-25K			
V5108	R5112	NO		VOC1	A1K-25K			
V5109	R5112	NO		VOC1	A25K-40K A40K+			
V5110	R5112	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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
V5111	R5112	NO		VOC1	A1K-25K			
V5112	R5112	NO		VOC1	A1K-25K			
V5113	R5112	NO		VOC1	A1K-25K			
V5114	R5112	NO		VOC1	A25K-40K A40K+			
V5115	R5112	NO		VOC1	A1K-25K			
V5116	R5112	NO		VOC1	A25K-40K A40K+			
V5117	R5112	NO		VOC1	A1K-25K			
V5118	R5112	NO		VOC1	A1K-25K			
V5119	R5112	NO		VOC1	A1K-25K			
V5120	R5112	NO		VOC1	A1K-25K			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
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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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
V51211AATK	R5112	NO		VOC1	A25K-40K			
V51212AATK	R5112	NO		VOC1	A25K-40K			
V5122AATK	R5112	NO		VOC1	A1K-25K			
V5123WATK	R5112	NO		VOC1	A1K-25K			
V5129	R5112	NO		VOC1	A1K-25K			
V5301	R5112	NO		VOC1	A40K+			
V5302	R5112	NO		VOC1	A40K+			
V5304	R5112	NO		VOC1	A1K-25K			
V5307	R5112	NO		VOC1	A25K-40K			
V5310	R5112	NO		VOC1	A1K-25K			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
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Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
V5318	R5112	NO		VOC1	A1K-25K			
V5319	R5112	NO		VOC1	A1K-25K			
V5401	R5112	NO		VOC1	A40K+			
V5402	R5112	NO		VOC1	A40K+			
V5412	R5112	NO		VOC1	A40K+			
V5413	R5112	NO		VOC1	A1K-25K			
V5417	R5112	NO		VOC1	A40K+			
V7410	R5112	NO		VOC1	A40K+			
V8104VACTK	R5112	NO		VOC1	A1K-25K A40K+			
V8105METK	R5112	NO		VOC1	A1K-25K			

Storage Tank/Vessel Attributes
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Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
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Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
V8106AATK	R5112	NO		VOC1	A40K+			
V8107BRTK	R5112	NO		VOC1	A1K-25K			
V8301MEOAC	R5112	NO		VOC1	A40K+			
V8305	R5112	NO		VOC1	A40K+			
V8307BRTK	R5112	NO		VOC1	A1K-25K			
V-8501	R5112	NO		VOC1	A40K+			
V-8505	R5112	NO		VOC1	A40K+			
V-8506-1	R5112	NO		VOC1	A40K+			
V-8506-2	R5112	NO		VOC1	A40K+			
V-8506-3	R5112	NO		VOC1	A40K+			

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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
V-8506-4	R5112	NO		VOC1	A40K+			
<i>V-8507</i>	<i>R5112</i>	<i>NO</i>		<i>VOC1</i>	<i>A1K-25K</i>			
<i>V-55211</i>	<i>R5112</i>	<i>NO</i>		<i>VOC1</i>	<i>A25K-40K</i>			
<i>V-55212</i>	<i>R5112</i>	<i>NO</i>		<i>VOC1</i>	<i>A25K-40K</i>			
<i>V-5522</i>	<i>R5112</i>	<i>NO</i>		<i>VOC1</i>	<i>A25K-40K</i>			

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.
05/02/2025	01561	RN100212216

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.
V5101	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5102	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5103	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5104	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5105	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5106	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5107	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5108	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5109	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5110	R5112		SPVRS1	1.5+A			FLARE	FL8432

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.
05/02/2025	01561	RN100212216

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.
V5111	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5112	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5113	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5114	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5115	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5116	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5117	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5118	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5119	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5120	R5112		SPVRS1	1.5+A			FLARE	FL8432

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.
05/02/2025	01561	RN100212216

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.
V51211AATK	R5112		SPVRS1	1-1.5 1.5+A			VRU	
V51212AATK	R5112		SPVRS1	1-1.5 1.5+A			VRU	
V5122AATK	R5112		SPVRS1	1-1.5 1.5+A			VRU	
V5123WATK	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5129	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5301	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5302	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5304	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5307	R5112		SPVRS1	1 1.5+A			FLARE	FL8432
V5310	R5112		SPVRS1	1.5+A			FLARE	FL8432

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.
05/02/2025	01561	RN100212216

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.
V5318	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5319	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5401	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5402	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5412	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5413	R5112		SPVRS1	1.5+A			FLARE	FL8432
V5417	R5112		SPVRS1	1.5+A			FLARE	FL8432
V7410	R5112		SPVRS1	1-			VRU	
V8104VACTK	R5112		SPVRS1	1.5+A			FLARE	FL8432
V8105METK	R5112		SPVRS1	1.5+A			FLARE	FL8432

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.
05/02/2025	01561	RN100212216

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.
V8106AATK	R5112		SPVRS1	1-1.5 1.5+A			VRU	
V8107BRTK	R5112		SPVRS1	1- 1.5+A			FLARE	FL8432
V8301MEOAC	R5112		SPVRS1	1.5+A			FLARE	FL8432
V8305	R5112		SPVRS1	1.5+A			FLARE	FL8432
V8307BRTK	R5112		SPVRS1	1- 1.5+A			FLARE	FL8432
V-8501	R5112		VRS1	1.5+A			FLARE	FL8432
V-8505	R5112		VRS1	1.5+A			FLARE	FL8432
V-8506-1	R5112		VRS1	1.5+A			FLARE	FL8432
V-8506-2	R5112		VRS1	1.5+A			FLARE	FL8432
V-8506-3	R5112		VRS1	1.5+A			FLARE	FL8432

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.
05/02/2025	01561	RN100212216

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.
V-8506-4	R5112		VRS1	1.5+A			FLARE	FL8432
<i>V-8507</i>	<i>R5112</i>		<i>SPVRS1</i>	<i>1-1.5</i>			<i>FLARE</i>	<i>FL8432</i>
<i>V-55211</i>	<i>R5112</i>		<i>SPVRS1</i>	<i>1-</i>			<i>VRU</i>	
<i>V-55212</i>	<i>R5112</i>		<i>SPVRS1</i>	<i>1-</i>			<i>VRU</i>	
<i>V-5522</i>	<i>R5112</i>		<i>SPVRS1</i>	<i>1-</i>			<i>VRU</i>	

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 51)****Federal Operating Permit Program****Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
V5101	63FFFF-2	76-FLR					
V5102	63FFFF-2	76-FLR					
V5103	63FFFF-2	76-FLR					
V5104	63FFFF-2	76-FLR					
V5105	63FFFF-2	76-FLR					
V5106	63FFFF-2	76-FLR					
V5107	63FFFF-2	76-FLR					
V5108	63FFFF-2	76-FLR					
V5109	63FFFF-2	76-FLR					
V5110	63FFFF-2	76-FLR					

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 51)****Federal Operating Permit Program****Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
V5111	63FFFF-2	76-FLR					
V5112	63FFFF-2	76-FLR					
V5113	63FFFF-2	76-FLR					
V5114	63FFFF-2	76-FLR					
V5115	63FFFF-2	76-FLR					
V5116	63FFFF-2	76-FLR					
V5117	63FFFF-2	76-FLR					
V5118	63FFFF-2	76-FLR					
V5119	63FFFF-2	76-FLR					
V5120	63FFFF-2	76-FLR					

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 51)****Federal Operating Permit Program****Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
V51212AATK	63FFFF-2	76-FLR					
V5122AATK	63FFFF-2	76-FLR					
V5123WATK	63FFFF-2	76-FLR					
V5129	63FFFF-2	76-FLR					
V5301	63FFFF-2	76-FLR					
V5302	63FFFF-2	76-FLR					
V5304	63FFFF-2	76-FLR					
V5307	63FFFF-2	76-FLR					
V5310	63FFFF-2	76-FLR					
V5318	63FFFF-2	76-FLR					

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 51)****Federal Operating Permit Program****Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
V5319	63FFFF-2	76-FLR					
V5401	63FFFF-2	76-FLR					
V5402	63FFFF-2	76-FLR					
V5412	63FFFF-2	76-FLR					
V5413	63FFFF-2	76-FLR					
V5417	63FFFF-2	76-FLR					
V8104VACTK	63FFFF-2	76-FLR					
V8105METK	63FFFF-2	76-FLR					
V8106AATK	63FFFF-2	76-FLR					
V8107BRTK	63FFFF-2	76-FLR					

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 51)

Federal Operating Permit Program

Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
V8301MEOAC	63FFFF-2	76-FLR					
V8305	63FFFF-2	76-FLR					
V8307BRTK	63FFFF-2	76-FLR					
V-8501	63FFFF-2	76-FLR					
V-8505	63FFFF-2	76-FLR					
V-8506-1	63FFFF-2	76+FLR					
V-8506-2	63FFFF-2	76+FLR					
V-8506-3	63FFFF-2	76+FLR					
V-8506-4	63FFFF-2	76+FLR					
<i>V-8507</i>	<i>63FFFF-2</i>	<i>76-FLR</i>					

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 53)****Federal Operating Permit Program****Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
V5101	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5102	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5103	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5104	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5105	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5106	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5107	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5108	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5109	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5110	63FFFF-2	NO	NO	NO	NO	NO	NONE

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 53)****Federal Operating Permit Program****Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
V5111	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5112	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5113	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5114	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5115	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5116	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5117	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5118	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5119	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5120	63FFFF-2	NO	NO	NO	NO	NO	NONE

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 53)****Federal Operating Permit Program****Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
V51212AATK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5122AATK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5123WATK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5129	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5301	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5302	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5304	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5307	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5310	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5318	63FFFF-2	NO	NO	NO	NO	NO	NONE

Storage Tank/Vessel Attributes**Form OP-UA3 (Page 53)****Federal Operating Permit Program****Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)****Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
V5319	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5401	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5402	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5412	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5413	63FFFF-2	NO	NO	NO	NO	NO	NONE
V5417	63FFFF-2	NO	NO	NO	NO	NO	NONE
V8104VACTK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V8105METK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V8106AATK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V8107BRTK	63FFFF-2	NO	NO	NO	NO	NO	NONE

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 53)

Federal Operating Permit Program

Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
V8301MEOAC	63FFFF-2	NO	NO	NO	NO	NO	NONE
V8305	63FFFF-2	NO	NO	NO	NO	NO	NONE
V8307BRTK	63FFFF-2	NO	NO	NO	NO	NO	NONE
V-8501	63FFFF-2	NO	NO	NO	NO	NO	NONE
V-8505	63FFFF-2	NO	NO	NO	NO	NO	NONE
V-8506-1	63FFFF-2	NO	NO	NO	NO	NO	NONE
V-8506-2	63FFFF-2	NO	NO	NO	NO	NO	NONE
V-8506-3	63FFFF-2	NO	NO	NO	NO	NO	NONE
V-8506-4	63FFFF-2	NO	NO	NO	NO	NO	NONE
<i>V-8507</i>	<i>63FFFF-2</i>	<i>NO</i>	<i>NO</i>	<i>NO</i>	<i>NO</i>	<i>NO</i>	<i>NONE</i>

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 57)

Federal Operating Permit Program

Table 22a: 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, Wastewater
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92
V7410	63FFFF-3	YES				

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 59)

Federal Operating Permit Program

Table 22c: 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, Wastewater
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines
V7410	63FFFF-3	NO	151+				

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.
05/02/2025	O1561	RN100212216

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 Throughput	Control Options
LOADUNLOAD	R5113-1	OTHER	NONE		VOC1	BOTH	0.5+	NCE2	CON
V5123WATL	R-5352-1	OTHER	NONE		VOC1	LOAD	0.5+	20K-	

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.
05/02/2025	O1561	RN100212216

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
LOADUNLOAD	R5113-1	FLARE	FL8432	YES				

Loading/Unloading Operations Attributes
Form OP-UA4 (Page 16)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP Index No.	Emission Standard	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line
LOADUNLOAD	63FFFF-2	FLR	NO	NO	YES		NO	NONE

Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 1)
Federal Operating Permit Program
Table 1: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Control of Air Pollution from Visible Emissions and Particulate Matter

Date	Permit No.:	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
FL8432	R1111-1	NO	NO			

Texas Commission on Environmental Quality

Flare Attributes

Form OP-UA7 (Page 3)

Federal Operating Permit Program

Table 3: Title 40 Code of Federal Regulations Part 60 and 61 (40 CFR Part 60 and 40 CFR Part 61)

Subpart A: General Provisions of Standards of Performance for New Stationary Sources and National Emission Standards for Hazardous Air Pollutants

Date	Permit No.:	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Subject to 40 CFR §60.18	Adhering to Heat Content Specifications	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
FL8432	60A-1	YES	YES	STEAM	60-	
FL8432	60A-2	YES	YES	STEAM	60-400	1000-
FL8432	60A-3	YES	YES	STEAM	60-400	1000+

Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 4)
Federal Operating Permit Program
Table 4: Title 40 Code of Federal Regulations Part 63
Subpart A: General Provisions of National Emission Standards for Hazardous Air Pollutants for Source Categories

Date	Permit No.:	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
FL8432	63A-1	YES	YES	STEAM	60-	
FL8432	63A-2	YES	YES	STEAM	60-400	1000-
FL8432	63A-3	YES	YES	STEAM	60-400	1000+

Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 5)
Federal Operating Permit Program
Table 5a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control

Date	Permit No.:	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Out of Service	Total Gas Stream	Gas Stream Concentration	Exempt Date	Alternative Monitoring Approach	Modifications to Testing/Monitoring	Modifications to Testing/Monitoring ID No.	Flare Type
FL8432	R5720-1	NO	YES	YES		OTHER	NONE		MULTI

Texas Commission on Environmental Quality
Flare Attributes
Form OP-UA7 (Page 6)
Federal Operating Permit Program
Table 5b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control

Date	Permit No.:	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Monitoring Requirements	§115.725(e) Requirements	Multi-Purpose Usage	Flow Rate	Physical Seal	Monitoring Option	§115.725(h)(4) Alternative	Tank Service
FL8432	R5720-1	YES							NO

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

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

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
AREA 1	R5352-ALL				
AREA 2	R5352-ALL				
AREA 3	R5352-ALL				
AREA 4	R5352-ALL				
AREA 5	R5352-ALL				
PLANT	R5352-ALL				
407 AREA 6	R5352-ALL				
527	R5352-ALL				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 12)
Federal Operating Permit Program**

**Table 2b: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Rupture Disks	Instrumentation Systems	Sampling Connection Systems	TVP ≤ 0.002 psia
AREA 1	R5352-ALL				
AREA 2	R5352-ALL				
AREA 3	R5352-ALL				
AREA 4	R5352-ALL				
AREA 5	R5352-ALL				
PLANT	R5352-ALL				
407 AREA 6	R5352-ALL				
527	R5352-ALL				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 13)
Federal Operating Permit Program**

**Table 2c: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352				Fugitive Unit	Components
		Process Drains	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC $\leq$ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL						
AREA 2	R5352-ALL						
AREA 3	R5352-ALL						
AREA 4	R5352-ALL						
AREA 5	R5352-ALL						
PLANT	R5352-ALL						
407 AREA 6	R5352-ALL						
527	R5352-ALL						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 14)
Federal Operating Permit Program**

**Table 2d: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352 Fugitive Unit Components (continued)					
		Pressure Relief Valves	ACR	ACR ID No.	Complying with §115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68° F	TVP of Process Fluid VOC > 0.044 psia at 68° F
AREA 1	R5352-ALL						
AREA 2	R5352-ALL						
AREA 3	R5352-ALL						
AREA 4	R5352-ALL						
AREA 5	R5352-ALL						
<i>PLANT</i>	<i>R5352-ALL</i>						
407 AREA 6	R5352-ALL						
527	<i>R5352-ALL</i>						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 15)**

Federal Operating Permit Program

Table 2e: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352 Fugitive Unit Components (continued)					
		Open-ended Valves and Lines	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL						
AREA 2	R5352-ALL						
AREA 3	R5352-ALL						
AREA 4	R5352-ALL						
AREA 5	R5352-ALL						
<i>PLANT</i>	<i>R5352-ALL</i>						
<i>407</i>	R5352-ALL						
<i>AREA 6</i>							
<i>527</i>	<i>R5352-ALL</i>						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 16)**

Federal Operating Permit Program

Table 2f: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Valves (other than pressure relief and open-ended)	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL						
AREA 2	R5352-ALL						
AREA 3	R5352-ALL						
AREA 4	R5352-ALL						
AREA 5	R5352-ALL						
<i>PLANT</i>	<i>R5352-ALL</i>						
407 AREA 6	R5352-ALL						
527	<i>R5352-ALL</i>						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 17)
Federal Operating Permit Program**

**Table 2g: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Flanges	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL						
AREA 2	R5352-ALL						
AREA 3	R5352-ALL						
AREA 4	R5352-ALL						
AREA 5	R5352-ALL						
<i>PLANT</i>	<i>R5352-ALL</i>						
407 AREA 6	R5352-ALL						
527	<i>R5352-ALL</i>						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 18)
Federal Operating Permit Program**

**Table 2h: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		Fugitive Unit		Components (continued)	
		Agitators	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL						
AREA 2	R5352-ALL						
AREA 3	R5352-ALL						
AREA 4	R5352-ALL						
AREA 5	R5352-ALL						
<i>PLANT</i>	<i>R5352-ALL</i>						
<i>407</i> <i>AREA 6</i>	R5352-ALL						
<i>527</i>	<i>R5352-ALL</i>						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 19)
Federal Operating Permit Program**

**Table 2i: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352				Fugitive Unit	Components	(continued)	
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Hydrogen Content to Exceed 50% by Volume	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL								
AREA 2	R5352-ALL								
AREA 3	R5352-ALL								
AREA 4	R5352-ALL								
AREA 5	R5352-ALL								
PLANT	R5352-ALL								
407 AREA 6	R5352-ALL								
527	R5352-ALL								

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

**Table 2j: 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.
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Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit		Components (continued)	
		Pump Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
AREA 1	R5352-ALL							
AREA 2	R5352-ALL							
AREA 3	R5352-ALL							
AREA 4	R5352-ALL							
AREA 5	R5352-ALL							
PLANT	R5352-ALL							
407 AREA 6	R5352-ALL							
527	R5352-ALL							

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 21)
Federal Operating Permit Program**

**Table 2k: 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.
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Unit ID No.	SOP Index No.	Components Utilizing Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description
AREA 1	R5352-ALL		
AREA 2	R5352-ALL		
AREA 3	R5352-ALL		
AREA 4	R5352-ALL		
AREA 5	R5352-ALL		
<i>PLANT</i>	<i>R5352-ALL</i>		
<i>407</i> <i>AREA 6</i>	R5352-ALL		
<i>527</i>	<i>R5352-ALL</i>		

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 70)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

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
AREA 1	63H-ALL						
AREA 2	63H-ALL						
AREA 3	63H-ALL						
AREA 4	63H-ALL						
AREA 5	63H-ALL						
PLANT	63H-ALL						
407 AREA 6	63H-ALL						
527	63H-ALL						

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 71)
Federal Operating Permit Program
Table 9b: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Enclosed-Vented Process Unit AMEL	Heavy Liquid Service	Batch Process AMEL	Pressure Test	Heavy Liquid Service	General AMEL	AMEL ID No.	Heavy Liquid Service	Units Without An AMEL
AREA 1	63H-ALL									
AREA 2	63H-ALL									
AREA 3	63H-ALL									
AREA 4	63H-ALL									
AREA 5	63H-ALL									
PLANT	63H-ALL									
407 AREA 6	63H-ALL									
527	63H-ALL									

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 72)
Federal Operating Permit Program
Table 9c: 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.
05/02/2025	01561	RN100212216

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components								
		Pumps			Compressors	Pressure	Relief	Devices	Sampling	Connection Systems
		Light Liquid Service	Heavy Liquid Service	QIP	Any	Gas/Vapor Service	Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service
AREA 1	63H-ALL									
AREA 2	63H-ALL									
AREA 3	63H-ALL									
AREA 4	63H-ALL									
AREA 5	63H-ALL									
PLANT	63H-ALL									
407 AREA 6	63H-ALL									
527	63H-ALL									

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 73)
Federal Operating Permit Program
Table 9d: 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.
05/02/2025	01561	RN100212216

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Part 63, Subpart H	Fugitive Unit		Components		
		Open-Ended	Valves or Lines	Valves		Connectors		
		Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	QIP	Gas/Vapor or Light Liquid Service	Heavy Liquid Service
AREA 1	63H-ALL							
AREA 2	63H-ALL							
AREA 3	63H-ALL							
AREA 4	63H-ALL							
AREA 5	63H-ALL							
PLANT	63H-ALL							
407 AREA 6	63H-ALL							
527	63H-ALL							

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 74)
Federal Operating Permit Program
Table 9e: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components					
		Agitators		Instrumentation	Systems	Surge Control	Vessels or Bottom Receivers
		Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service	Any	Heavy Liquid Service
AREA 1	63H-ALL						
AREA 2	63H-ALL						
AREA 3	63H-ALL						
AREA 4	63H-ALL						
AREA 5	63H-ALL						
<i>PLANT</i>	<i>63H-ALL</i>						
<i>407</i> <i>AREA 6</i>	63H-ALL						
<i>527</i>	<i>63H-ALL</i>						

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 75)
Federal Operating Permit Program
Table 9f: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components						
		Closed-Vent System						
		Any	Recovery or Recapture Devices	Control Device ID No.	Enclosed Combustion Devices	Control Device ID No.	Flares	Control Device ID No.
AREA 1	63H-ALL							
AREA 2	63H-ALL							
AREA 3	63H-ALL							
AREA 4	63H-ALL							
AREA 5	63H-ALL							
PLANT	63H-ALL							
407 AREA 6	63H-ALL							
527	63H-ALL							

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 76)
Federal Operating Permit Program
Table 9g: 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.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description
AREA 1	63H-ALL					
AREA 2	63H-ALL					
AREA 3	63H-ALL					
AREA 4	63H-ALL					
AREA 5	63H-ALL					
<i>PLANT</i>	<i>63H-ALL</i>					
<i>407</i> <i>AREA 6</i>	63H-ALL					
<i>527</i>	<i>63H-ALL</i>					

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.
05/02/2025	01561	RN100212216

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
AREA 1	R5780-ALL						
AREA 2	R5780-ALL						
AREA 3	R5780-ALL						
AREA 4	R5780-ALL						
AREA 5	R5780-ALL						
PLANT	R5780-ALL						
407 AREA 6	R5780-ALL						

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 139)
Federal Operating Permit Program
Table 16b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Title 30 TAC	Chapter 115	Fugitive Unit	Components (continued)				
		Process Drains	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pressure Relief Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)
AREA 1	R5780-ALL								
AREA 2	R5780-ALL								
AREA 3	R5780-ALL								
AREA 4	R5780-ALL								
AREA 5	R5780-ALL								
<i>PLANT</i>	<i>R5780-ALL</i>								
<i>407</i> <i>AREA 6</i>	R5780-ALL								

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 140)
Federal Operating Permit Program
Table 16c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Bypass Line Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)
AREA 1	R5780-ALL								
AREA 2	R5780-ALL								
AREA 3	R5780-ALL								
AREA 4	R5780-ALL								
AREA 5	R5780-ALL								
<i>PLANT</i>	<i>R5780-ALL</i>								
<i>407</i> <i>AREA 6</i>	R5780-ALL								

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 141)
Federal Operating Permit Program
Table 16d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Valves (other than pressure relief, open-ended, and bypass line)	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Flanges or Other Connectors	ACR	ACR ID No.	Complying with § 115.781(b)(9)
AREA 1	R5780-ALL								
AREA 2	R5780-ALL								
AREA 3	R5780-ALL								
AREA 4	R5780-ALL								
AREA 5	R5780-ALL								
PLANT	R5780-ALL								
407 AREA 6	R5780-ALL								

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 142)
Federal Operating Permit Program
Table 16e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pump Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)
AREA 1	R5780-ALL								
AREA 2	R5780-ALL								
AREA 3	R5780-ALL								
AREA 4	R5780-ALL								
AREA 5	R5780-ALL								
PLANT	R5780-ALL								
407 AREA 6	R5780-ALL								

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 143)
Federal Operating Permit Program
Table 16f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Agitators	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Heat Exchanger Heads, Sight Glasses, Meters, Gauges, Sampling Connections, Bolted Manways, Hatches, Sump Covers, Junction Box Vents, or Covers and Seals on VOC Water Separators	ACR	ACR ID No.	Complying with § 115.781(b)(9)
AREA 1	R5780-ALL								
AREA 2	R5780-ALL								
AREA 3	R5780-ALL								
AREA 4	R5780-ALL								
AREA 5	R5780-ALL								
PLANT	R5780-ALL								
407 AREA 6	R5780-ALL								

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 144)
Federal Operating Permit Program
Table 16g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP/GOP Index No.	Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description
AREA 1	R5780-ALL		
AREA 2	R5780-ALL		
AREA 3	R5780-ALL		
AREA 4	R5780-ALL		
AREA 5	R5780-ALL		
PLANT	R5780-ALL		
407 AREA 6	R5780-ALL		

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

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/Modification Date	Compliance Option	Design Capacity	Facility Type
407 <i>AREA 6</i>	60VVA-ALL						
<i>527</i>	<i>60VVA-ALL</i>						

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 146)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components			
		Pumps			
		Light Liquid Service	EEL	EEL ID No.	Complying with 60.482-2a
407 <i>AREA 6</i>	60VVA-ALL				
527	60VVA-ALL				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 147)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Compressor				Pressure Relief Devices
		Compressor	EEL	EEL ID No.	Complying with 60.482-3a	Gas/Vapor Service
407 AREA 6	60VVA-ALL					
527	60VVA-ALL					

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 148)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR	Part VVa	Fugitive Unit	Components	(continued)			
		Sampling	Connection	System		Valves			
		Sampling Connection	EEL	EEL ID No.	Complying with 60.482-5a	Open-Ended	EEL	EEL ID No.	Complying with 60.482-6a
407 AREA 6	60VVA-ALL								
527	60VVA-ALL								

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 149)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Valves (continued)				
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with 60.482-7a
407 AREA 6	60VVA-ALL					
527	60VVA-ALL					

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 150)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a
407 AREA 6	60VVA-ALL								
527	60VVA-ALL								

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 151)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)							
		Pressure		Relief Devices		Connectors			
		Heavy or Light Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a
407 AREA 6	60VVA-ALL								
527	60VVA-ALL								

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 152)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with 60.482-10a	Control Device ID.
407 AREA 6	60VVA-ALL					
527	60VVA-ALL					

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 153)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Closed Vent Systems and		Control Devices (continued)		
		Enclosed Combustion Device	EEL	EEL ID No.	Complying With 60.482-10a	Control Device ID.
407 AREA 6	60VVA-ALL					
527	60VVA-ALL					

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 154)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Control Devices				
		Flare	EEL	EEL ID No.	Complying with 60.482-10a	Control Device ID.
407 AREA 6	60VVA-ALL					FL8432
527	60VVA-ALL					

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 155)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Control Devices				Connectors
		CVS	EEL	EEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service
407 AREA 6	60VVA-ALL					
527	60VVA-ALL					

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 156)
Federal Operating Permit Program**

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

Date	Permit No.	Regulated Entity No.
05/02/2025	01561	RN100212216

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart VVa Fugitive Unit Description
407 AREA 6	60VVA-ALL	
527	60VVA-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.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP Index No.	Cooling Tower Heat Exchange Systems Exemptions	Alternative Monitoring	Modified Monitoring	Approved Monitoring ID No.
COOLTOW-A	R5760-1	NONE	NO	NO	
COOLTOW-B	R5760-1	NONE	NO	NO	
COOLTOW-A	R5760-2	NONE	NO	NO	
COOLTOW-B	R5760-2	NONE	NO	NO	
<i>CT-8510</i>	<i>R5760-1</i>	<i>NONE</i>	<i>NO</i>	<i>NO</i>	
<i>CT-8510</i>	<i>R5760-2</i>	<i>NONE</i>	<i>NO</i>	<i>NO</i>	

**Texas Commission on Environmental Quality
Cooling Tower Attributes
Form OP-UA13 (Page 4)**

Federal Operating Permit Program

Table 3b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter H, Division 2: Cooling Tower Heat Exchange Systems

Date	Permit No.:	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP Index No.	Jacketed Reactor	Design Capacity	Finite Volume System	Flow Monitoring/ Testing Method	Total Strippable VOC	On-Line Monitor
COOLTOW-A	R5760-1	NO	8000+	NO	INLET	NO	YES
COOLTOW-B	R5760-1	NO	8000+	NO	INLET	NO	YES
COOLTOW-A	R5760-2	NO	8000+	NO	DATA	NO	YES
COOLTOW-B	R5760-2	NO	8000+	NO	DATA	NO	YES
<i>CT-8510</i>	<i>R5760-1</i>	<i>NO</i>	<i>8000+</i>	<i>NO</i>	<i>INLET</i>	<i>NO</i>	<i>YES</i>
<i>CT-8510</i>	<i>R5760-2</i>	<i>NO</i>	<i>8000+</i>	<i>NO</i>	<i>DATA</i>	<i>NO</i>	<i>YES</i>

**Texas Commission on Environmental Quality
Cooling Tower Attributes
Form OP-UA13 (Page 7)**

Federal Operating Permit Program

Table 6: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

Date	Permit No.:	Regulated Entity No.
05/02/2025	O1561	RN100212216

Unit ID No.	SOP Index No.	Monitoring
COOLTOW-A	63FFFF-2	YES
COOLTOW-B	63FFFF-2	YES
<i>CT-8510</i>	<i>63FFFF-2</i>	<i>YES</i>

**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.
05/04/2025	O1561	RN100212216

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
MEOHPRCVT1	R5121-1	NO	NO	REGVAPPL				
MEOHPRCVT2	R5121-1	NO	NO	REGVAPPL				
MAINPROC	R5121-1	NO	NO	REGVAPPL				
GRP-DRYERS	R5121-1	NO	NO	REGVAPPL		100-		NO
GRP-WASHCO	R5121-1	NO	NO	REGVAPPL		100-		NO
5	R5121-1	NO	NO	REGVAPPL		100-		NO
F1483	R5121-1	NO	NO	REGVAPPL		100-		NO
GRP-COAG	R5121-1	NO	NO	REGVAPPL		100-		NO
F7410	R5121-1	NO	NO	REGVAPPL				
<i>FA3501</i>	<i>R5121-1</i>	<i>NO</i>	<i>NO</i>	<i>REGVAPPL</i>		<i>100-</i>		<i>NO</i>
<i>FA3502</i>	<i>R5121-1</i>	<i>NO</i>	<i>NO</i>	<i>REGVAPPL</i>		<i>100-</i>		<i>NO</i>

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.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
MEOHPRCVT1	R5121-1	NONE		FLARE	FL8432
MEOHPRCVT2	R5121-1	NONE		FLARE	FL8432
MAINPROC	R5121-1	NONE		FLARE	FL8432
GRP-DRYERS	R-5121-1	NONE			
GRP-WASHCO	R-5121-1	NONE			
5	R-5121-1	NONE			
F1483	R5121-1	NONE			
GRP-COAG	R-5121-1	NONE			
F7410	R5121-1	NONE		OTHER	410SCRUB
<i>FA3501</i>	<i>R5121-1</i>	NONE		OTHER	<i>FA3501</i>
<i>FA3502</i>	<i>R5121-1</i>	NONE		OTHER	<i>FA3502</i>

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

Federal Operating Permit Program

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

Date	Permit No.	Regulated Entity No.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
MAINPROC	R-5722-1	NO	NO		FLARE

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 32)**

Federal Operating Permit Program

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
MEOHPRCVT1	63FFFF-1	BLWFLR					
MEOHPRCVT2	63FFFF-1	BLWFLR					
MAINPROC	63FFFF-1	BLWFLR					

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 35)**

Federal Operating Permit Program

**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
05/04/2025	O1561	RN100212216

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
MEOHPRCVT1	63FFFF-1	YES	NO	NO	NO	NO		NO	NONE
MEOHPRCVT2	63FFFF-1	YES	NO	NO	NO	NO		NO	NONE
MAINPROC	63FFFF-1	YES	NO	NO	NO	NO		NO	NONE

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

Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes**

Date: 05/02/2025	Permit No.: O1561	Regulated Entity No.: RN100212216
Area Name: Kuraray America, Inc.		Customer Reference No.: CN603315953

Process ID No.	SOP Index No.	Ammonium Sulfate	Other Operations	63.100 CMPU	G2/<1000 Lb/Yr	2525E1
PRO1100LINE	63FFFF-1	NO	YES	NO	NO	
PRO1200LINE	63FFFF-1	NO	YES	NO	NO	
PRO1300LINE	63FFFF-1	NO	YES	NO	NO	
PRO1400LINE	63FFFF-1	NO	YES	NO	NO	

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

Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes**

Date: 05/02/2025	Permit No.: O1561	Regulated Entity No.: RN100212216
Area Name: Kuraray America, Inc.		Customer Reference No.: CN603315953

Process ID No.	SOP Index No.	Startup 2003	Shared Batch Vent	PUG	Startup 2002	PP Alt	Cont Proc
PRO1100LINE	63FFFF-1	YES	NO	NO	YES	NO	
PRO1200LINE	63FFFF-1	YES	NO	NO	YES	NO	
PRO1300LINE	63FFFF-1	YES	NO	NO	YES	NO	
PRO1400LINE	63FFFF-1	NO	NO	NO	NO		

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

Table 5c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes**

Date: 05/02/2025	Permit No.: O1561	Regulated Entity No.: RN100212216
Area Name: Kuraray America, Inc.		Customer Reference No.: CN603315953

Process ID No.	SOP Index No.	>1000 Lb/Yr	Reduction	New Source	HAP Metals	Fabric Filter	Small CD	Design Eval	Batch Proc Vents
PRO1100LINE	63FFFF-1	NO		NO					NO
PRO1200LINE	63FFFF-1	NO		NO					NO
PRO1300LINE	63FFFF-1	NO		NO					NO
PRO1400LINE	63FFFF-1	NO		YES	NO				NO

Texas Commission on Environmental Quality

Title V Existing

1561

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVAL BUSINESS UNIT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	95.042777
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212216
What is the name of the Regulated Entity (RE)?	EVAL BUSINESS UNIT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	11500 BAY AREA BLVD
City	PASADENA
State	TX
ZIP	77507
County	HARRIS
Latitude (N) (##.#####)	29.62
Longitude (W) (-###.#####)	-95.042777
Facility NAICS Code	
What is the primary business of this entity?	PRODUCE ETHYLENE VINYL ALCOHOL MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603315953
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kuraray America, Inc.
Texas SOS Filing Number	13289806
Federal Tax ID	
State Franchise Tax ID	11341199955
State Sales Tax ID	
Local Tax ID	
DUNS Number	948095245
Number of Employees	101-250
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	KURARAY AMERICA INC
Prefix	MR
First	NELSON
Middle	
Last	RODRIGUEZ-GARCIA
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11500 BAY AREA BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	PASADENA
State	TX
ZIP	77507

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

7138946149

Extension

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

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

E-mail

nelson.rodriguez-garcia@kuraray.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name

THOMAS MATHEW(KURARAY AMERICA...)

Prefix

KURARAY AMERICA INC

First

MR

Middle

THOMAS

Last

MATHEW

Suffix

Credentials

Title

PLANT MANAGER

Enter new address or copy one from list

Mailing Address

Address Type

Domestic

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

11500 BAY AREA BLVD

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

City

PASADENA

State

TX

Zip

77507

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

2815499443

Extension

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

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

E-mail

thomas.mathew@kuraray.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

New Contact

Kuraray America Inc

MR

Chase

Stewart

HSE Specialist

Site Physical Address

Domestic

11500 BAY AREA BLVD

PASADENA

TX

77507

8329852383

chase.stewart@kuraray.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 37 Min 12 Sec

3) Permit Longitude Coordinate:

95 Deg 2 Min 34 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.pdf](/ePermitsExternal/faces/file?fileId=254689)

Hash

BFB134FAEABC2E2C7C52D7C691B4491C8632D60687D306CBE0583F0F013933F1

MIME-Type

application/pdf

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

[File Properties]

File Name

[OP-2 Form.pdf](/ePermitsExternal/faces/file?fileId=254690)

Hash

D477B9B3BD306F720DC22D54EFEAA48B0C644FE5A1C3952865204E4758C12AB0

MIME-Type

application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name

[OP-ACPS Form.pdf](/ePermitsExternal/faces/file?fileId=254691)

Hash

35FB81A501EC005FFE10E2DD5FCA78708DEAF5C81B5BA79E2857DA77795D80BD

MIME-Type

application/pdf

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

[File Properties]

File Name

[OP-REQ1 Form.pdf](/ePermitsExternal/faces/file?fileId=254693)

Hash

CDCB161F07E7BA39F10F2000B60EB31416F29CC313BF435BB2E774195989BC16

MIME-Type

application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name

[OP-REQ2 Form.pdf](/ePermitsExternal/faces/file?fileId=254694)

Hash

A73CF01D1E5AE01848DCFAF6D6A69CCE279F01C493B8C9A120DC12E43CC5E97B

MIME-Type

application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name

[OP-PBRSUP Form.pdf](/ePermitsExternal/faces/file?fileId=254692)

Hash

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MIME-Type

application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name

[OP-SUMR Form.pdf](/ePermitsExternal/faces/file?fileId=254695)

Hash

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MIME-Type

application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name

[OP-UA12 Form.pdf](/ePermitsExternal/faces/file?fileId=254700)

Hash

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MIME-Type

application/pdf

[File Properties]

File Name

[OP-UA13 Form.pdf](/ePermitsExternal/faces/file?fileId=254701)

Hash

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MIME-Type

application/pdf

[File Properties]

File Name

[OP-UA15 Form.pdf](/ePermitsExternal/faces/file?fileId=254702)

Hash

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MIME-Type

application/pdf

[File Properties]

File Name

[OP-UA2 Form.pdf](/ePermitsExternal/faces/file?fileId=254696)

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MIME-Type	application/pdf
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File Name	OP-UA3 Form.pdf
Hash	D4066A1294BFA6CB6359247A410FCC80C9A4F1179395A4A7F2D5DD6980D98218
MIME-Type	application/pdf
[File Properties]	
File Name	OP-UA4 Form.pdf
Hash	49D1BB737AAA215400F1CFA8DF78B73A3F89F61D219212ADD785FB404C7F810C
MIME-Type	application/pdf
[File Properties]	
File Name	OP-UA60 Form.pdf
Hash	37E4B983A88546800B6ED290822EEFE4B3A3435D1FFCF8BE2B55B6CE9D3EA230
MIME-Type	application/pdf
[File Properties]	
File Name	OP-UA7 Form.pdf
Hash	2B935CFE627CA519B0845A14287779188543DEDE8917B43882EA4D832A4EFCC0
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	Title V O1561 Renewal Cover Letter.pdf
Hash	229A1C1CCB71D2921A86536BAF56D3DDC9833B894EF0BC5565E4C53E8FE60EFC
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 Thomas Mathew, the owner of the STEERS account ER105385.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1561.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Thomas Mathew OWNER OPERATOR

Account Number:	ER105385
Signature IP Address:	208.127.107.133
Signature Date:	2025-05-02
Signature Hash:	04B1490B541EFB06D882566E6756BD2803C906803383E838EBDE963C81D55015
Form Hash Code at time of Signature:	083A8C98BDD79FA7E13B59A027AF AE0F86E6C67F8929E6BCD372CCE854347A2C

Submission

Reference Number:	The application reference number is 783214
Submitted by:	The application was submitted by ER105385/Thomas Mathew
Submitted Timestamp:	The application was submitted on 2025-05-02 at 14:46:40 CDT
Submitted From:	The application was submitted from IP address 208.127.107.133
Confirmation Number:	The confirmation number is 650685

Steers Version:

The STEERS version is 6.91

Permit Number:

The permit number is 1561

Additional Information

Application Creator: This account was created by Aaron B Hebert

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 19, 2025

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

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38115
Permit Number: O1561
Kuraray America, Inc.
Eval Business Unit
Pasadena, Harris County
Regulated Entity Number: RN100212216
Customer Reference Number: CN603315953

Dear Senator Middleton:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.042777,29.62&level=13>.

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

The Honorable Mayes Middleton
Page 2
May 19, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 19, 2025

THE HONORABLE DENNIS PAUL
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38115
Permit Number: O1561
Kuraray America, Inc.
Eval Business Unit
Pasadena, Harris County
Regulated Entity Number: RN100212216
Customer Reference Number: CN603315953

Dear Representative Paul:

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=-95.042777,29.62&level=13>.

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

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

Sincerely,

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

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

Carolyn Thomas

From: eNotice TCEQ
Sent: Monday, May 19, 2025 9:31 AM
To: mayes.middleton@senate.texas.gov; Dennis.paul@house.texas.gov
Subject: TCEQ Notice - Permit Number O1561
Attachments: TCEQ Notice - O1561_38115.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.