

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ROEHM AMERICA BAY CITY SITE
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2001 FM 3057
City	BAY CITY
State	TX
ZIP	77414
County	MATAGORDA
Latitude (N) (##.#####)	28.859444
Longitude (W) (-###.#####)	-96.018889
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN111258877
What is the name of the Regulated Entity (RE)?	ROEHM AMERICA BAY CITY SITE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2001 FM 3057
City	BAY CITY
State	TX
ZIP	77414
County	MATAGORDA
Latitude (N) (##.#####)	28.859444
Longitude (W) (-###.#####)	-96.018889
Facility NAICS Code	325199
What is the primary business of this entity?	MANUFACTURE OF METHYL METHACRYLATE MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605887744
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Roehm America LLC
Texas SOS Filing Number	804057288
Federal Tax ID	320252469
State Franchise Tax ID	
State Sales Tax ID	

Local Tax ID
DUNS Number
Number of Employees
Independently Owned and Operated? No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Roehm America LLC
Prefix	MR
First	Alan
Middle	
Last	Brewer
Suffix	
Credentials	
Title	Bay City Site Director
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2001 FM 3057
Routing (such as Mail Code, Dept., or Attn:)	
City	BAY CITY
State	TX
ZIP	77414
Phone (###-###-####)	9793187234
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	alan.brewer@roehm.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?	Responsible Official Contact
Organization Name	Roehm America LLC
Prefix	MR
First	Stephen
Middle	
Last	Brown
Suffix	
Credentials	CSP
Title	ESH Manager
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2001 FM 3057
Routing (such as Mail Code, Dept., or Attn:)	

City	BAY CITY
State	TX
Zip	77414
Phone (###-###-####)	9793187238
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	stephen.brown@roehm.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another 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

Duly Authorized Representative Contact

Roehm America LLC

MR

Stephen

Brown

CSP

ESH Manager

Domestic

2001 FM 3057

BAY CITY

TX

77414

9793187238

stephen.brown@roehm.com

Title V General Information - New

1) Permit Latitude Coordinate:	28 Deg 51 Min 34 Sec
2) Permit Longitude Coordinate:	96 Deg 1 Min 8 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4671-37007
4) Who will electronically sign this Title V application?	Duly Authorized Representative
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	N/A

Title V Attachments New

Attach OP-1 (Site Information Summary)

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

OP-CRO1 O4671 2026-0506.pdf

Hash

DCC45D2D849F591E93B3C2543855EDAA930737BFBE8114DB73A8EFC94710BEFD

MIME-Type

application/pdf

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

Certification

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

1. I am Stephen B Brown, the owner of the STEERS account ER099289.
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 New.
- 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: Stephen B Brown OWNER OPERATOR

Account Number:	ER099289
Signature IP Address:	165.225.33.101
Signature Date:	2026-05-14
Signature Hash:	236357733B54A97212789D33BB58D216C61FF5B772EA038CF3A77581624B411D
Form Hash Code at time of Signature:	E93ED7CA66B92593CDE848D1C54023974C0080C1472A45DF4003F28A3D206511

Submission

Reference Number:	The application reference number is 922634
Submitted by:	The application was submitted by ER099289/Stephen B Brown
Submitted Timestamp:	The application was submitted on 2026-05-14 at 09:25:05 CDT
Submitted From:	The application was submitted from IP address 165.225.33.101
Confirmation Number:	The confirmation number is 769467
Steers Version:	The STEERS version is 6.94

Additional Information

Application Creator: This account was created by Melissa Ryan

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

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

I. Identifying Information
RN: RN111258877
CN: CN605887744
Account No.: MHA008H
Permit No.: 4671
Project No.: 37007
Area Name: Roehm America Bay City Site
Company Name: Roehm America, LLC
II. Certification Type <i>(Please mark appropriate box)</i>
☐ Responsible Official ☒ Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
☐ SOP/TOP Initial Permit Application ☐ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application ☒ Update to Permit Application
☐ Other: _____

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

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

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Stephen Brown</u> certify that I am the <u>DAR</u>			
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From <u>8/10/2024</u> to <u>5/6/2026</u>			
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	
<i>(Date 3)</i>		<i>(Date 4)</i>	
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: 		Signature Date: <u>5/6/2026</u>	
Title: <u>ESH Manager</u>			

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Thursday, May 14, 2026 9:30 AM
To: Alfredo Mendoza
Cc: Brown, Stephen; Green, Kent; Gena Driscoll
Subject: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit 04671/project 37007

Alfredo,

The signed OP-CRO1 form has been submitted via STEERS. See below for the STEERS reference number.

Please let us know if you need anything else.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

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

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Thursday, May 14, 2026 9:25 AM
To: Melissa Ryan <mryan@trinityconsultants.com>; stephen.brown@roehm.com
Subject: STEERS Title V Application Submittal (Update)

This confirms the submittal of your Title V New Application to the TCEQ.

Your application was successfully submitted and received by the TCEQ at 05/14/2026 09:25 AM.

The submitted application will now be reviewed by the program area. You will be notified by the program area reviewing your application if more information is needed and of final action (approval or denial) of the application.

The Reference number for this submittal is 922634.

The Area ID for this submittal is 4671.

The Project ID for this submittal is 37007.

The STEERS confirmation number for this submittal is 769467.

The hash code for this submittal is

E93ED7CA66B92593CDE848D1C54023974C0080C1472A45DF4003F28A3D206511.

You may access the copy of record (submitted application) from the submit log which is available by selecting Submissions from the Home page of STEERS

<https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww3.tceq.texas.gov%2Fsteers%2F&data=05%7C02%7Calfredo.mendoza%40tceq.texas.gov%7C2837a7b70dce41b1dfb208deb1c546a6%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C639143658048811807%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIjZGUiLC5lcw%3D%3D%7C0%7C%7C%7C&sdata=Pk4yDzBph%2BgL6DMG79ASnox4eTDzJ1%2BVkg4Aryw3mo%3D&reserved=0>

If you have any questions, please contact the Air Permits division at 512-239-1250 or by e-mail at airperm@tceq.texas.gov.

From: Melissa Ryan <MRyan@trinityconsultants.com>
Sent: Wednesday, May 13, 2026 6:32 PM
To: Alfredo Mendoza; Brown, Stephen
Cc: Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

Alfredo,

Roehm is in the middle of a turnaround (leading to limited staff availability) and we also had some issues with STEERS. I hope to get the OP-CRO1 submitted through STEERS tomorrow. I'll send you an email as soon as that is complete so you can find it in STEERS.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Sent: Monday, May 11, 2026 10:50 AM
To: Melissa Ryan <MRyan@trinityconsultants.com>; Brown, Stephen <stephen.brown@roehm.com>
Cc: Gena Driscoll <GDriscoll@trinityconsultants.com>; Green, Kent <kent.green@roehm.com>
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

Melissa,

I am checking on the status of the final certification for the previous application updates. As of today, I have not received them. This is the only item I need before I send the public notice authorization letter. Please let me know as soon as possible when the final certification will be submitted.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

From: Alfredo Mendoza
Sent: Thursday, April 30, 2026 10:56 AM
To: 'Melissa Ryan'; Brown, Stephen
Cc: Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

Melissa,

I have incorporated your comments into the attached draft permit for your review. If there are no more changes required, please certify any previous application updates that have in STEERS. In lieu of certifying the application updates in STEERS, a hard copy OP-CRO1 would be required to be submitted by mail. Please certify the updates by **May 6, 2026**.

If you have any questions, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CASPVHDR	EP	63GPV-018	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a)(5) § 63.114(b) § 63.114(b)(3) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(b) § 63.114(b)(3) § 63.118(a)(4) § 63.118(f)(6) [G]§ 63.152(a)	§ 63.114(e) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CASPVHDR	EP	63GPV-019	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a)(5) § 63.114(b) § 63.114(b)(3) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(b) § 63.114(b)(3) § 63.118(a)(4) § 63.118(f)(6) [G]§ 63.152(a)	§ 63.114(e) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CASPVHDR	EP	63GPV-020	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a)(5) § 63.114(b) § 63.114(b)(3) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(b) § 63.114(b)(3) § 63.118(a)(4) § 63.118(f)(6) [G]§ 63.152(a)	§ 63.114(e) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) 63.152(h)
CTW	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MAINTVT	EP	63GMVT-001	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(k)	The owner or operator must comply with the applicable requirements in §63.113(k)(1)-(4) for each maintenance vent. Any vent designated as a maintenance vent is only subject to the maintenance vent provisions in §63.113(k) and the associated reporting and recordkeeping requirements in § 63.118(f)(9) and (m), respectively.	[G]§ 63.113(k)	[G]§ 63.118(m)	§ 63.118(f) [G]§ 63.118(f)(9)
MMA_CMP U	PRO	63F-001	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) [G]§ 63.104(h) § 63.104(i) [G]§ 63.104(j) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b) ~~[G]§ 63.104(f)(3)~~ [G]§ 63.104(g)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) ~~[G]§ 63.104(f)(3)~~ [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

Commented [MR1]: [G]63.104(f)(3) was moved from RK to M/T in this version of the draft. This condition should remain under recordkeeping.

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
TO_PROCESS, Z-4810, Z-4820, FLR	Multiple	CO, NOx, VOC, NH ₃ , Cd, Dioxans, HCl, Mercury, PM, Pb, SO ₂	NSR 165103 SC 25, 60.46b(e), 60.18(f), 60.2135(a)	Conduct initial performance test for TO_PROCESS, Z-4810, and Z-4820; Conduct initial performance test for Z- 4810 and Z-4820; Conduct initial performance test for FLR; Conduct initial performance test for TO_PROCESS
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR 165103 SC 25, 60.46b(e), 60.18(f), 60.2135(a)	Performance test results		Not generated yet	
3. Non-compliance Situation Description				
The initial performance tests were not conducted within 60 days of achieving the maximum operating rate, nor within 180 days after initial start-up of the facilities.				
4. Corrective Action Plan Description				
Roehm America, LLC will conduct initial performance tests on all equipment prior to ~~June~~ <u>September</u> 30, 2026.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Conduct initial performance test - ~~6/~~ 30/2026			
6. Previously Submitted Compliance Plan(s)		Type of Action	Date Submitted	
		N/A	N/A	
7. Progress Report Submission Schedule		Every 6 months, with deviation report.		

Commented [MR2]: Please update the date for this activity to September 30, 2026.

From: Melissa Ryan <MRyan@trinityconsultants.com>
Sent: Tuesday, April 14, 2026 2:32 PM
To: Alfredo Mendoza; Brown, Stephen
Cc: Gena Driscoll; Green, Kent
Subject: FW: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit 04671/project 37007

Alfredo,

Please find attached a marked-up version of the draft Title V permit for the Roehm Bay City site. There are a few small changes that we are requesting.

1. Per your separate email on 4/6, Roehm is requesting that 63.152(h) be added to CASPVHDR SOP Index Numbers 63GPV-018, 63GPV-019, and 63GPV-020.
2. For ID MMA_CMPU (SOP 63F-001), [G]63.104(f)(3) was moved from the recordkeeping column to monitoring/testing in this latest draft. That citation is a recordkeeping citation, and we are requesting that it be moved back.
3. For the third compliance schedule (regarding performance testing), Roehm is requesting a change in the milestone date from June 30 to September 30, 2026.

Please let us know if you have any questions on the requested updates. Once you indicate your acceptance of these changes, we will provide a signed OP-CRO1 form.

Thanks!

Melissa Ryan

P 713.552.1371 x208 M 713.594.4628

From: Alfredo Mendoza
Sent: Monday, April 6, 2026 2:56 PM
To: Melissa Ryan; Brown, Stephen
Cc: Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit 04671/project 37007

Melissa,

One quick question relating to the addition of reporting citation §63.152(h). While I did add this citation for multiple units as requested, the last marked up copy of the draft permit did not request it for emission unit CASPVHDR for SOP Index Numbers 63GPV-018, 63GPV-019, and 63GPV-020. Since this is a requirement to report performance tests to EPA, it would seem it should also apply to this unit since §63.114(e) is applicable for establishing a range for proper operation of the control device based on the results of the most recent performance test. Please let me know if reporting citation §63.152(h) should be added to the Applicable Requirement Summary table for this emission unit for all three MACT G SOP Index Numbers and I will add it to the draft permit for public notice.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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<https://www.tceq.texas.gov/customersurvey>

From: Alfredo Mendoza
Sent: Monday, April 6, 2026 11:47 AM
To: 'Melissa Ryan'; Brown, Stephen
Cc: Gena Driscoll; Green, Kent
Subject: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit 04671/project 37007

Melissa,

I have made all requested changes to the working draft permit, and I have attached a final working draft permit for Roehm's review and approval. If there are no further changes that need to be made to the draft permit, I will need all application updates that have been submitted to either be certified in STEERS or a hardcopy OP-CRO1 will need to be mailed to me if Roehm opts not to certify the updates in STEERS. My records shows that updates were submitted via email on 12/27/2024, 4/21/2025, 12/15/2025, and 1/28/2026. If there are any dates that I missed, please add them to the OP-CRO1 that you can attach to the STEERS submittal. In lieu of specific dates, you can use a date range from 8/10/2024 (the day after the initial application was certified in STEERS) through the day that you certify the updates in STEERS.

Please submit any comments on the draft permit by **April 10, 2026**. I will be sending the permit to my management for review of the draft permit and public notice authorization letter this week. It usually takes 1-2 weeks for management to complete their review; therefore, I will hold the public notice authorization letter until I receive final approval from Roehm on the draft permit.

I had to truncate the compliance plans to fit the character limitations that we have built into our permit database. The OP-ACPS was not designed to list multiple units on one table, and I added the requirements to match your submittal as best that as I could given the form limitations in our database.

If you have any questions, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts F, G, H, CC, ~~or ZZZZ~~, ~~or DDDDD~~ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Commented [MR1]: The reference to MACT DDDDD was not added as requested in April.

Chapter 113, Subchapter C, §§ 113.110, 113.120, 113.130, 113.340, ~~or 113.1090~~, or 113.1130, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.

- F. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart G as identified in the attached Applicable Requirements Summary for emission unit MAINTVT by July 15, 2027.
 - G. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC as identified in the attached Applicable Requirements Summary for emission units FLR and TEMPFLR by July 15, 2027.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FLR	Flares	N/A	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
~~TEMPFLR~~	~~Flares~~	~~N/A~~	~~R1111-001~~	~~30 TAC Chapter 111, Visible Emissions~~	~~No changing attributes.~~
FLR	Flares	N/A	60A-001	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
FLR	Flares	N/A	60A-002	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
FLR	Flares	N/A	60A-003	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
FLR	Flares	N/A	63A-001	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).

Commented [MR2]: Please add TEMPFLR with Chapter 111 requirements as requested in the April submittal. See OP-UA7 submitted in April.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
~~TO PROCESS~~	~~Boilers/Steam Generators/Steam Generating Units~~	~~N/A~~	~~60DB-002~~	~~40 CFR Part 60, Subpart Db~~	~~No changing attributes.~~
V-0130	Storage Tanks/Vessels	N/A	R5112-002	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator
V-0130	Storage Tanks/Vessels	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-0130	Storage Tanks/Vessels	N/A	60KB-001	40 CFR Part 60, Subpart Kb	Storage Vessel Description = CVS and control device other than a flare (fixed roof)
V-0130	Storage Tanks/Vessels	N/A	60KB-006	40 CFR Part 60, Subpart Kb	Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)
V-0765	Storage Tanks/Vessels	N/A	R5112-003	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator
V-0765	Storage Tanks/Vessels	N/A	R5112-006	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-0765	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
V-3510	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
V-4500	Storage Tanks/Vessels	N/A	R5112-003	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator
V-4500	Storage Tanks/Vessels	N/A	R5112-006	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-4500	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
V-4525	Storage Tanks/Vessels	N/A	R5112-003	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator

Commented [MR3]: Please remove NSPS Db applicability for this unit and add to permit shield. An updated OP-REQ2 is attached to document this request.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLRFOPVHDR	EP	R5122-002	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
FLRFOPVHDR	EP	63GPV-003	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) ~~63.152(h)~~ P

Commented [MR4]: Please add 63.152(h) as requested in April.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLRFOPVHDR	EP	63GPV-013	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(iii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) <u>63.152(h)</u>
FORM_CMPU	PRO	63F-001	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) [G]§ 63.104(h) § 63.104(i) [G]§ 63.104(j) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b) [G]§ 63.104(g)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.104(f)(3) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

Commented [MR5]: Please add 63.152(h) as requested in April.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	60VVA-001	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) ~~§ 60.482-1a(a)~~ ~~§ 60.482-1a(b)~~ § 60.485a(f) ~~§ 60.486a(a)(1)~~ ~~§ 60.486a(a)(2)~~ § 60.486a(k)	Owners or operators may choose to comply with the provisions of 40 CFR Part 63, Subpart H, to satisfy the requirements of §§60.482-1a through 60.487a for an affected facility. When choosing to comply with 40 CFR Part 63, Subpart H, the requirements of §60.485a(d), (e), and (f), and §60.486a(i) and (j) still apply.	[G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.486a(i) § 60.486a(i)(1) § 60.486a(i)(2) § 60.486a(i)(3)	None
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(j)(1) § 63.172(j)(2) § 63.172(m)	Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b).	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) § 63.172(j)(1) § 63.172(j)(2) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.118(a)(3) § 63.172(j)(1) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Commented [MR6]: Please remove the noted citations as they do not apply per the overlap requirements in 60.480a(e)(2).

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TFLRPVHDR	EP	63GPV-009	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(iii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) <u>63.152(h)</u>

Commented [MR8]: Please add 63.152(h) as requested in April.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TFLRPVHDR	EP	63GPV-010	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(iii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) <u>63.152(h)</u>
TK_LOAD_FO RM	EU	R5211-001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

Commented [MR9]: Please add 63.152(h) as requested in April.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK_UNLD_AC ETIC	EU	R5211-003	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
TK_UNLD_DM A	EU	R5211-002	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) ~~§ 115.214(b)(1)(C)~~	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None
TO_PROCESS	EU	R1121-001	CO	30 TAC Chapter 111, Incineration	§ 111.121(3) § 111.121(4) § 111.129(2)	Incinerator carbon monoxide (CO) emissions shall not exceed 120 ppmv dry basis, when corrected to 7.0% oxygen. With approval, a total hydrocarbon (THC) alternative of 20 ppmv, 7.0% oxygen is allowed.	[G]§ 111.125 § 111.127(a)	§ 111.127(a) § 111.127(b)	None
TO_PROCESS	EU	R1121-001	Hydrogen Chloride	30 TAC Chapter 111, Incineration	§ 111.121(2) § 111.121(4) § 111.129(2)	Incinerator hydrogen chloride emissions greater than 1.8 kilograms (4 pounds) per hour require a control device with a minimum removal efficiency of 95%.	[G]§ 111.125 § 111.127(a)	§ 111.127(a) § 111.127(b)	None

Commented [MR10]: Please remove this citation as there is no gasoline loading/unloading associated with this source.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60DB-002	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO _x in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).	§ 60.46b(e) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(e)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
TO_PROCESS	EU	60DB-002	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam-generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam-generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(e)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60DB-002	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam-generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam-generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	{G}§ 60.49b(d) § 60.49b(e)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
TO_PROCESS	EU	60DB-002	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low-sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(e) § 60.49b(f) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
V-0130	EU	R5112-002	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
V-4525	EU	R5112-006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
V-4525	EU	63GTK WW1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii) <u>63.152(h)</u>
Z-4810	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Commented [MR11]: Please add 63.152(h) as requested in April.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
Z-4820	EU	60DB-001	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
Z-4820	EU	63DDD DD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) ~~§ 63.7525(a)(7)~~ § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	~~§ 63.7530(e)~~ § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)

Commented [MR15]: Please remove this citation as energy assessments are not required for new boilers.

Commented [MR14]: Please remove this citation as there is no CO limit or performance testing requirement in Boiler MACT for this boiler.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
S-0120	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity greater than or equal to 75 cubic meters but less than 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 15.0 kPa.
S-4600	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
<u>TO_PROCESS</u>	<u>N/A</u>	<u>40 CFR Part 60, Subpart Db</u>	<u>The unit is subject to 40 CFR Part 60, Subpart CCCC and therefore exempt from Subpart Db.</u>
TO_PROCESS	N/A	40 CFR Part 60, Subpart E	The unit is not used in the process of burning solid waste for the purpose of reducing the volume of the waste by removing combustible matter.
TO_PROCESS	N/A	40 CFR Part 61, Subpart C	The unit does not process beryllium-containing waste.
TO_PROCESS	N/A	40 CFR Part 61, Subpart E	The unit does not incinerate or dry wastewater treatment plant sludge.
TO_PROCESS	N/A	40 CFR Part 63, Subpart DDDDD	This unit is a waste heat boiler, which is excluded from the definition of boiler.
TO_PROCESS	N/A	40 CFR Part 63, Subpart EEE	The unit does not combust hazardous waste as defined in 40 CFR § 261.3.
V-0765	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.
V-4500	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.
V-4525	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
REACTPV	Reactor Continuous Process Vents	165103, GHGPSDTX208, PSDTX1596
S-0120	80 wt% AcOH Storage Tank	165103, GHGPSDTX208, PSDTX1596
S-1550	Raw MMA Storage Tank	165103, GHGPSDTX208, PSDTX1596
S-3300	Finished MMA Intermediate Day Tank	165103, GHGPSDTX208, PSDTX1596
S-4600	MAL Wastewater Storage Tank	165103, GHGPSDTX208, PSDTX1596
S-7000	MMA Remote Storage Tank I	165103, GHGPSDTX208, PSDTX1596
S-7005	MMA Remote Storage Tank III	165103, GHGPSDTX208, PSDTX1596
S-7010	MMA Remote Storage Tank II	165103, GHGPSDTX208, PSDTX1596
S-8100	FO Plant Storage Tank I	165103, GHGPSDTX208, PSDTX1596
S-8110	FO Plant Storage Tank II	165103, GHGPSDTX208, PSDTX1596
TEMPFLR	Temporary Flare Used for MSS Activities	165103, GHGPSDTX208, PSDTX1596
TFLRPVHDR	Process Vents In Header to Temporary Flare	165103, GHGPSDTX208, PSDTX1596
TK_LOAD_FORM	Truck Loading of Formalin	~~165103, GHGPSDTX208, PSDTX1596,~~ 106.262/11/01/2003 [176984]
TK_LOAD_MMA	Truck Loading of MMA	165103, GHGPSDTX208, PSDTX1596
TK_LOAD_WW	Truck Loading of Wastewater	106.472/09/04/2000
TK_UNLD_ACETIC	Truck Unloading of Acetic Acid	165103, GHGPSDTX208, PSDTX1596
TK_UNLD_DMA	Truck Unloading of DMA	165103, GHGPSDTX208, PSDTX1596
TO-PVHDR-FO	Formalin Process Vents to Process Thermal Oxidizer	165103, GHGPSDTX208, PSDTX1596
TO-PVHDR-V9610	DOE Offgas V/L Separator Vents to Process TO	165103, GHGPSDTX208, PSDTX1596
TO-PVHDR-V9615	Low O ₂ Offgas Knockout Drum Vents to Process TO	165103, GHGPSDTX208, PSDTX1596

Commented [MR16]: Please remove the NSR permits, the loading of formalin is only authorized via PBR.

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
TO-PVHDR-V9620	MAL & MMA Offgas Process Vents to Process TO	165103, GHGPSDTX208, PSDTX1596
TO-STHDR-DMA	DMA Storage Tank Vent to Process Thermal Oxidizer	165103, GHGPSDTX208, PSDTX1596
TO_PROCESS	Process Thermal Oxidizer	165103, GHGPSDTX208, PSDTX1596
V-0130	40 wt% DMA Storage Tank	165103, GHGPSDTX208, PSDTX1596
V-0765	Spent Catalyst Recovered Aqueous Collection Vessel	165103, GHGPSDTX208, PSDTX1596
V-3510	Lima-LiMA Plant Slop Tank	165103, GHGPSDTX208, PSDTX1596
V-4500	Organic Waste Storage Tank	165103, GHGPSDTX208, PSDTX1596
V-4525	Contaminated Organic Waste Storage Tank	165103, GHGPSDTX208, PSDTX1596
Z-4810	Boiler 1	165103, GHGPSDTX208, PSDTX1596
Z-4820	Boiler 2	165103, GHGPSDTX208, PSDTX1596

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Commented [MR17]: Please correct spelling of Storage.

Commented [MR18]: Please update capitalization to 'LiMA'

Compliance Schedule

Commented [MR19]: Please remove the compliance schedule below (which has been completed) and add the new compliance schedules that are included on the attached OP-ACPS form.

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
TO_PROCESS	60CCCC-001	Cadmium, CO, D/F, Fugitive Ash, HCl, Pb, Hg, NOx, PM, SO ₂	60.2190, 60.2045(b), 60.2050, 60.2055- 2065, 60.2230(a)	Preconstruction notification requirements, siting analysis, Waste Management Plan (WMP) requirements, notification of date of construction requirements
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
60.2190, 60.2045(b), 60.2050, 60.2055-2065, 60.2230(a)	Preconstruction notification development and submittal, siting analysis review and documentation, Waste Management Plan (WMP) development, notification of date of construction development and submittal		Documentation not yet created	
3. Non-compliance Situation Description				
The federal regulatory applicability review conducted as part of the initial Title V Operating Permit Application identified that the thermal oxidizer (TO_PROCESS) is subject to 40 CFR 60, New Source Performance Standards (NSPS) for New Commercial & Industrial Solid Waste Incinerator (CISWI) Units (NSPS-CCCC). As a result, the pre-construction requirements described above were not met for the thermal oxidizer.				
4. Corrective Action Plan Description				
Roehm America, LLC is in the process of addressing each of these pre-construction requirements.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Preconstruction Notification development and submittal, Siting Analysis development, WMP development, and Notification of Date of Construction development and submit development by 5/1/25.			
6. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted
		N/A		N/A
7. Progress Report Submission Schedule		Every six months, with deviation report.		

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Wednesday, January 28, 2026 4:08 PM
To: Alfredo Mendoza; Brown, Stephen
Cc: Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007
Attachments: 10017 - OPREQ2 - 2026-0128.pdf; 10100-OPACPS - 2026-0128.pdf

Mr. Mendoza,

On behalf of Roehm America, LLC, please find attached comments on the current draft permit. All requested edits have been indicated using 'Track Changes' mode in Word and comments have been added for the requested changes. In support of the requested changes, an updated OP-REQ2 and OP-ACPS form are also attached.

Please let us know if there are any questions or if you need any of the referenced information from April 2025.

Roehm requests the ability to review a final draft of the permit before it proceeds to public notice.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

- 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>)	1
<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.</i> <i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i>	

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule		
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s): Z-4810, Z-4820		
SOP Index No.: 60DB-001		
Pollutant: CO, NO _x , NH ₃ , O ₂		
Applicable Requirement		
Citation	Text Description	
NSR 165103 Special Condition 23 and 24	Install CEMS and meet requirements of Performance Specifications in 40 CFR Subpart 60	
40 CFR 60.48b(b)(1)	Install CEMS.	
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	Location of Records/Documentation
NSR 165103 Special Condition 23 and 24	CEMS monitoring results and records	Electronic
60.48b(c)	CEMS monitoring results and records	Electronic
3. Non-compliance Situation Description		
The originally installed CEMS did not meet all of the requirements of Special Conditions 23 and 24.		
4. Corrective Action Plan Description		
Roehm America, LLC installed a temporary CEMS to obtain continuous monitoring data. The permanent CEMS are being redesigned and will be reinstalled as a final solution.		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
Install temporary CEMS – 7/29/2025		
Redesign and reinstall permanent CEMS – 6/30/2026		

TCEQ - 10100 (APDG 5876v4, Revised 07/17) OP-ACPS

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, with deviation report.	

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): TO_PROCESS

SOP Index No.: 60CCCC-001

Pollutant: CO, NO_x, NH₃, O₂

Applicable Requirement

Citation	Text Description
NSR 165103 Special Condition 23 and 24	Install CEMS and meet requirements of Performance Specifications in 40 CFR Subpart 60
40 CFR 60.2145(g)	Install CEMS.

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
NSR 165103 Special Condition 23 and 24	CEMS monitoring results and records	Electronic
60.2175(p)	CEMS monitoring results and records	Electronic

3. Non-compliance Situation Description

The originally installed CEMS did not meet all of the requirements of Special Conditions 23 and 24.

4. Corrective Action Plan Description

Roehm America, LLC installed a temporary CEMS to obtain continuous monitoring data. The permanent CEMS are being redesigned and will be reinstalled as a final solution.

5. List of Activities/Milestones to Implement the Corrective Action Plan

Install temporary CEMS – 7/29/2025

Redesign and reinstall permanent CEMS – 6/30/2026

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, with deviation report.	

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): TO_PROCESS, Z-4810, Z-4820, FLR

SOP Index No.: 60CCCC-001, 60DB-001, 60A-001, 60A-002, 60A-003

Pollutant: CO, NO_x, VOC, NH₃, Cadmium, Dioxans, HCl, Mercury, PM, Pb, SO₂

Applicable Requirement

Citation	Text Description
NSR 165103 Special Condition 25	Conduct initial performance test for TO-PROCESS, Z-4810, and Z4820
40 CFR 60.46b(e)	Conduct initial performance test for Z-4810 and Z4820
40 CFR 60.18(f)	Conduct initial performance test for FLR
40 CFR 60.2135(a)	Conduct initial performance test for TO-PROCESS

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
NSR 165103 Special Condition 25	Performance test results	Not generated yet
40 CFR 60.46b(e)	Performance test results	Not generated yet
40 CFR 60.18(f)	Performance test results	Not generated yet
40 CFR 60.2135(a)	Performance test results	Not generated yet

3. Non-compliance Situation Description

The initial performance tests were not conducted within 60 days of achieving the maximum operating rate, nor within 180 days after initial start-up of the facilities.

4. Corrective Action Plan Description

Roehm America, LLC will conduct initial performance tests on all equipment prior to June 30, 2026.

5. List of Activities/Milestones to Implement the Corrective Action Plan

Conduct initial performance test – 6/30/2026

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, with deviation report.	

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): Z-4810, Z-4820

SOP Index No.: 60DB-001

Pollutant: NO_x, PM, PM (Opacity)

Applicable Requirement

Citation	Text Description
40 CFR 60.49b(a)	Submit notification of date of initial startup
40 CFR 60.49b(h), (i)	Submit semiannual reports

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
40 CFR 60.49b(a)	Record of initial notification	Not generated yet
40 CFR 60.49b(h), (i)	Record of semiannual report	Not generated yet

3. Non-compliance Situation Description

The initial startup notification and first semiannual compliance report were not submitted on time.

4. Corrective Action Plan Description

Roehm America, LLC will submit the initial startup notification and all semiannual compliance reports prior to June 30, 2026.

5. List of Activities/Milestones to Implement the Corrective Action Plan

Submit initial startup notification – 6/30/2026

Submit semiannual compliance reports – 6/30/2026

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, with deviation report.	

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): CTW

SOP Index No.: N/A

Pollutant: PM

Applicable Requirement

Citation	Text Description
NSR 165103 Special Condition 12	Cooling tower shall be equipped with drift eliminators having manufacturer's design assurance of 0.0005% drift or less.

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
NSR 165103 Special Condition 12	Manufacturer's data on drift eliminators	Project files

3. Non-compliance Situation Description

The manufacturer's data on the drift eliminators does not guarantee a drift of 0.0005% or less.

4. Corrective Action Plan Description

Roehm America, LLC will submit a permit amendment application to TCEQ to revise the drift requirement by June 30, 2026.

5. List of Activities/Milestones to Implement the Corrective Action Plan

Submit amendment application to TCEQ – 6/30/2026

Provide follow-up information as necessary until permit is issued – As required

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

Date: Rev. 1/28/2026	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, with deviation report.	

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
		FLR	OPUA7	MACT CC	63.108	The flare is not subject to the MACT CC requirements until July 15, 2027, pursuant to 40 CFR 63.108. Requirements have been pro-actively identified in preparation for compliance upon this date.
		TEMPFLR	OPUA7	MACT CC	63.108	The flare is not subject to the MACT CC requirements until July 15, 2027, pursuant to 40 CFR 63.108. Requirements have been pro-actively identified in preparation for compliance upon this date.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	MACT EEE	63.1200	The unit does not combust hazardous waste as defined in 40 CFR 261.3.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	MACT DDDDD	63.7575	This unit is a waste heat boiler, which is excluded from the definition of boiler.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NSPS E	60.51	The unit is not used in the process of burning solid waste for the purpose of reducing the volume of the waste by removing combustible matter.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NESHAP C	61.30	The unit does not process beryllium-containing waste.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NESHAP E	61.50	The unit does not incinerate or dry wastewater treatment plant sludge .
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NSPS Db	60.40b(h)	The unit is subject to 40 CFR Part 60, Subpart CCCC and therefore exempt from Subpart Db.

From: Brown, Stephen <Stephen.Brown@roehm.com>
Sent: Friday, January 23, 2026 9:44 AM
To: Alfredo Mendoza
Cc: Melissa Ryan; Gena Driscoll; Green, Kent
Subject: Re: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

Alfredo,

Thank you for taking my call this morning. As discussed we will have our comments to you by 12:00 PM Wednesday 1-28-2026.

Regards,

Brady Brown, CSP

Site ESH Manager

Roehm America LLC

2001 Farm-To-Market 3057

Bay City, TX 77414

P +1-979-318-7238

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stephen.brown@roehm.com

www.roehm.com

RÖHM
TRADITIONALLY
INNOVATIVE

From: Alfredo Mendoza
Sent: Tuesday, January 20, 2026 11:18 AM
To: 'Brown, Stephen'
Cc: Melissa Ryan; Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007
Attachments: SOP revised.docx

Mr. Brown,

I have attached the revised working draft permit that addresses your comments. For the 40 CFR Part 63, Subpart F requirements for emission units FORM_CMPU and MMA_CMPU, I made the following changes:

- [G]63.104(h), 63.104(i), and [G]63.104(i) added as standards as requested
- [G]63.104(g) was added under monitoring/testing as the requirement is primarily for monitoring the cooling water for the presence of total strippable hydrocarbons that indicate a leak.
- [G]63.104(f)(3) was added under recordkeeping as this is a requirement for the owner or operator to keep records specified in 63.104(f)(3)(i)-(iv)

Please let me know if you have any further comments on the draft permit by January 23, 2026. If you are in agreement with the draft permit, please certify the previous application updates in STEERS. Otherwise, a hardcopy OP-CRO1 will be required to be mailed to certify the application updates submitted via email.

If you have any questions, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Roehm America LLC

AUTHORIZING THE OPERATION OF
Roehm America Bay City Site
All Other Basic Organic Chemical Manufacturing

LOCATED AT
Matagorda County, Texas
Latitude 28° 51' 34" Longitude 96° 1' 8"
Regulated Entity Number: RN111258877

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: Q4671 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts F, G, H, CC, or ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter

113, Subchapter C, §§ 113.110, 113.120, 113.130, 113.340, or 113.1090, respectively, which incorporates the 40 CFR Part 63 Subpart by reference.

- F. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart G as identified in the attached Applicable Requirements Summary for emission unit MAINTVT by July 15, 2027.
 - G. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart CC as identified in the attached Applicable Requirements Summary for emission units FLR and TEMPFLR by July 15, 2027.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
 - (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be

evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
- (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
- (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

- (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
- (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
- (iii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
 - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
 - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
 - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
 - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
 - H. Title 40 CFR § 61.15 (relating to Modification)
 - I. Title 40 CFR § 61.19 (relating to Circumvention)
6. For facilities where no benzene is present onsite in wastes, products, by-products or intermediates, the permit holder shall comply with the reporting requirement in 40 CFR § 61.357(a).
7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
8. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).

9. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 2 wastewater stream, the permit holder shall comply with (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.132(b), (b)(1), (b)(1)(i), (b)(2), and (b)(2)(i) (relating to Process Wastewater Provisions - General)
 - B. Title 40 CFR § 63.146(b)(1) (relating to Process Wastewater Provisions - Reporting)
 - C. Title 40 CFR § 63.147(b)(8) (relating to Process Wastewater Provisions - Recordkeeping)
10. For the chemical manufacturing facilities subject to leak detection requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. General Leak Detection Requirements:
 - (i) Title 40 CFR § 63.148(d)(1) - (3), and (e) (relating to Leak Inspection Provisions)
 - (ii) Title 40 CFR § 63.148(c), (g), (g)(2), (h), and (h)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (iii) Title 40 CFR §§ 63.148(g)(2), (h)(2), (i)(1) - (2), (i)(4)(i) - (viii), (i)(5), and 63.152(a)(1) - (5), for recordkeeping requirements
 - (iv) Title 40 CFR §§ 63.148(j), 63.151(a)(6)(i) - (iii), (b)(1) - (2), (j)(1) - (3), 63.152(a)(1) - (5), (b), (b)(1)(i) - (ii), and (b)(4), for reporting requirements
 - B. For closed vent system or vapor collection systems constructed of hard piping:
 - (i) Title 40 CFR § 63.148(b)(1)(ii) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (ii) Title 40 CFR § 63.148(i)(6) (relating to Leak Inspection Provisions), for recordkeeping requirements
 - C. For facilities operating flow indicators:
 - (i) Title 40 CFR § 63.148(f)(1) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (ii) Title 40 CFR § 63.148(f)(1), (i)(3)(i) (relating to Leak Inspection Provisions), for recordkeeping requirements
 - (iii) Title 40 CFR § 63.148(j)(2) (relating to Leak Inspection Provisions), for reporting requirements
 - D. For facilities not operating flow indicators:
 - (i) Title 40 CFR § 63.148(f)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (ii) Title 40 CFR § 63.148(i)(3)(ii) (relating to Leak Inspection Provisions), for recordkeeping requirements

- (iii) Title 40 CFR § 63.148(j)(3) (relating to Leak Inspection Provisions), for reporting requirements
- 11. For the chemical manufacturing facilities subject to wastewater operations requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
 - A. Title 40 CFR § 63.135(a) - (f) (relating to Process Wastewater Provisions - Containers)
 - B. Title 40 CFR § 63.136(a) (relating to Process Wastewater Provisions - Individual Drain Systems)
 - C. Title 40 CFR § 63.136(e) - (g) (relating to Process Wastewater Provisions - Individual Drain Systems)

Additional Monitoring Requirements

- 12. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
 - E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
 - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or

- (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
- F. The permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
 - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
 - (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.
- G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
- 13. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

- 14. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated December 12, 2025 in the application for project 37007), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield

15. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
16. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

17. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
18. The permit holder shall adhere to the provisions in the Compliance Schedule attachment of this permit and submit certified progress reports consistent with the schedule established under 30 TAC § 122.132(d)(4)(C) and including the information specified in 30 TAC § 122.142(d)(2). Those emission units listed in the Compliance Schedule attachment shall adhere with the requirements in the Compliance Schedule attachment until operating fully in compliance with the applicable requirements.
19. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

- (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 20. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

- 21. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 - 82.166 and the applicable Part 82 Appendices.

Permit Location

- 22. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

- 23. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Schedules

Applicable Requirements Summary

Unit Summary 14

Applicable Requirements Summary 30

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
CASPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-018	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart III, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart III and 40 CFR Part 63, Subpart G and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G.
CASPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-019	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart NNN, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart NNN and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G.
CASPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-020	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart RRR, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart RRR and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G.
CTW	Emission Points/Stationary Vents/Process Vents	N/A	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EGEN1	SRIC Engines	N/A	60IIII-001	40 CFR Part 60, Subpart IIII	No changing attributes.
EGEN1	SRIC Engines	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FLR	Flares	N/A	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FLR	Flares	N/A	60A-001	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
FLR	Flares	N/A	60A-002	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
FLR	Flares	N/A	60A-003	40 CFR Part 60, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
FLR	Flares	N/A	63A-001	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
FLR	Flares	N/A	63A-002	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
FLR	Flares	N/A	63A-003	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)
FLR	Flares	N/A	63CC-001	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
FLR	Flares	N/A	63CC-002	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
FLRFOPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	R5122-002	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FLRFOPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-003	40 CFR Part 63, Subpart G	Flow Indicator = A flow indicator is installed and operated at the entrance of the by-pass line.
FLRFOPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-013	40 CFR Part 63, Subpart G	Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.
FORM_CMPU	Chemical Manufacturing Process	N/A	63F-001	40 CFR Part 63, Subpart F	No changing attributes.
FUG	Fugitive Emission Units	N/A	60VVA-001	40 CFR Part 60, Subpart VVa	No changing attributes.
FUG	Fugitive Emission Units	N/A	63H-ALL	40 CFR Part 63, Subpart H	No changing attributes.
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	R5122-002	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	63GPV-002	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart III, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart III and 40 CFR Part 63, Subpart G and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = A flow indicator is installed and operated at the entrance of the by- pass line.
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	63GPV-005	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart NNN, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart NNN and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = A flow indicator is installed and operated at the entrance of the by- pass line.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	63GPV-007	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart RRR, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart RRR and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = A flow indicator is installed and operated at the entrance of the by- pass line.
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	63GPV-012	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart III, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart III and 40 CFR Part 63, Subpart G and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	63GPV-015	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart NNN, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart NNN and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.
GRPFLRPVHDR	Emission Points/Stationary Vents/Process Vents	FL-PRDHD-V9707, FL-PVHDR-V9610, FL-PVHDR-V9615, FL-PVHDR-V9620, FLR-STHDR-DMA	63GPV-017	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart RRR, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart RRR and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTKG	Storage Tanks/Vessels	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	63GTK-001	40 CFR Part 63, Subpart G	NSPS Subpart Kb Applicability = The unit is not subject to 40 CFR Part 60, Subpart Kb., Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Bypass Lines = Closed vent system has by-pass lines that are monitored by flow indicator.
GRPTKG	Storage Tanks/Vessels	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	63GTK-002	40 CFR Part 63, Subpart G	Control Device Type = Flare, Bypass Lines = Closed vent system has by-pass lines that are monitored by flow indicator.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTKG	Storage Tanks/Vessels	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	63GTK-003	40 CFR Part 63, Subpart G	Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%., Control Device Type = Thermal incinerator, Design Evaluation Submitted = Results of a performance test was submitted to demonstrate compliance with 40 CFR § 63.119(e)., Bypass Lines = Closed vent system has by-pass lines that are sealed with a carseal or lock and key mechanism
GRPTKG	Storage Tanks/Vessels	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	63GTK-004	40 CFR Part 63, Subpart G	Control Device Type = Flare, Bypass Lines = Closed vent system has by-pass lines that are sealed with a carseal or lock and key mechanism, Control Device ID = FLR
GRPTKG	Storage Tanks/Vessels	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	63GTK-005	40 CFR Part 63, Subpart G	Control Device Type = Flare, Bypass Lines = Closed vent system has by-pass lines that are sealed with a carseal or lock and key mechanism, Control Device ID = TEMPFLR
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO-PVHDR-V9610, TO-PVHDR-V9615, TO-PVHDR-V9620, TO-STHDR-DMA	R5122-001	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO- PVHDR-V9610, TO- PVHDR-V9615, TO- PVHDR-V9620, TO- STHDR-DMA	63GPV-001	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart III, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart III and 40 CFR Part 63, Subpart G and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = A flow indicator is installed and operated at the entrance of the by- pass line.
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO- PVHDR-V9610, TO- PVHDR-V9615, TO- PVHDR-V9620, TO- STHDR-DMA	63GPV-004	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart NNN, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart NNN and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = A flow indicator is installed and operated at the entrance of the by- pass line.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO- PVHDR-V9610, TO- PVHDR-V9615, TO- PVHDR-V9620, TO- STHDR-DMA	63GPV-006	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart RRR, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart RRR and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = A flow indicator is installed and operated at the entrance of the by- pass line.
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO- PVHDR-V9610, TO- PVHDR-V9615, TO- PVHDR-V9620, TO- STHDR-DMA	63GPV-011	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart III, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart III and 40 CFR Part 63, Subpart G and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO- PVHDR-V9610, TO- PVHDR-V9615, TO- PVHDR-V9620, TO- STHDR-DMA	63GPV-014	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart NNN, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart NNN and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.
GRPTOPVHDR	Emission Points/Stationary Vents/Process Vents	TO-PVHDR-FO, TO- PVHDR-V9610, TO- PVHDR-V9615, TO- PVHDR-V9620, TO- STHDR-DMA	63GPV-016	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart RRR, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart RRR and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G., Flow Indicator = By-pass line valve is secured with a car-seal or lock-and-key type configuration.
INCINTREAT	Treatment Process	N/A	63GWWTREAT1	40 CFR Part 63, Subpart G	Wastewater Stream Designation = Determined Group1 for Table 9
INCINTREAT	Treatment Process	N/A	63GWWTREAT3	40 CFR Part 63, Subpart G	Wastewater Stream Designation = Designated as Group 1 per 40 CFR § 63.132(e)
MAINTVT	Miscellaneous Units	N/A	63GMVT-001	40 CFR Part 63, Subpart G	No changing attributes.
MMA_CMPU	Chemical Manufacturing Process	N/A	63F-001	40 CFR Part 63, Subpart F	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRD	Miscellaneous Units	N/A	63HPRD-001	40 CFR Part 63, Subpart H	No changing attributes.
RCRATREAT	Treatment Process	N/A	63GWWTREAT2	40 CFR Part 63, Subpart G	Wastewater Stream Designation = Determined Group1 for Table 9
RCRATREAT	Treatment Process	N/A	63GWWTREAT4	40 CFR Part 63, Subpart G	Wastewater Stream Designation = Designated as Group 1 per 40 CFR § 63.132(e)
S-4600	Storage Tanks/Vessels	N/A	60KB-003	40 CFR Part 60, Subpart Kb	Storage Vessel Description = CVS and control device other than a flare (fixed roof)
S-4600	Storage Tanks/Vessels	N/A	60KB-007	40 CFR Part 60, Subpart Kb	Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)
TEMPFLR	Flares	N/A	63A-004	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm).
TEMPFLR	Flares	N/A	63A-005	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec)., Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
TEMPFLR	Flares	N/A	63A-006	40 CFR Part 63, Subpart A	Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TEMPFLR	Flares	N/A	63CC-003	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is greater than or equal to 60 ft/s but less than 400 ft/s
TEMPFLR	Flares	N/A	63CC-004	40 CFR Part 63, Subpart CC	Flare Tip Velocity = Flare tip velocity is less than 60 feet per second (ft/s)
TFLRPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-008	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart III, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart III and 40 CFR Part 63, Subpart G and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G.
TFLRPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-009	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart NNN, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart NNN and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G.
TFLRPVHDR	Emission Points/Stationary Vents/Process Vents	N/A	63GPV-010	40 CFR Part 63, Subpart G	Overlap = Title 40 CFR Part 60, Subpart RRR, Regulation = The process vent is subject to the provisions of 40 CFR Part 60, Subpart RRR and 40 CFR Part 63, Subpart G, and the owner or operator is electing to comply only with the requirements of 40 CFR Part 63, Subpart G.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TK_LOAD_FORM	Loading/Unloading Operations	N/A	R5211-001	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TK_LOAD_FORM	Loading/Unloading Operations	N/A	63GLD-001	40 CFR Part 63, Subpart G	No changing attributes.
TK_LOAD_MMA	Loading/Unloading Operations	N/A	R5211-001	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TK_LOAD_MMA	Loading/Unloading Operations	N/A	63GLD-001	40 CFR Part 63, Subpart G	No changing attributes.
TK_LOAD_WW	Loading/Unloading Operations	N/A	R5211-001	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TK_UNLD_ACETIC	Loading/Unloading Operations	N/A	R5211-003	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TK_UNLD_DMA	Loading/Unloading Operations	N/A	R5211-002	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
TO_PROCESS	Incinerator	N/A	R1121-001	30 TAC Chapter 111, Incineration	No changing attributes.
TO_PROCESS	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
TO_PROCESS	Boilers/Steam Generators/Steam Generating Units	N/A	R200-001	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
TO_PROCESS	Incinerator	N/A	60CCCC-001	40 CFR Part 60, Subpart CCCC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TO_PROCESS	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-002	40 CFR Part 60, Subpart Db	No changing attributes.
V-0130	Storage Tanks/Vessels	N/A	R5112-002	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator
V-0130	Storage Tanks/Vessels	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-0130	Storage Tanks/Vessels	N/A	60KB-001	40 CFR Part 60, Subpart Kb	Storage Vessel Description = CVS and control device other than a flare (fixed roof)
V-0130	Storage Tanks/Vessels	N/A	60KB-006	40 CFR Part 60, Subpart Kb	Storage Vessel Description = Closed vent system (CVS) with a flare used as the control device (fixed roof)
V-0765	Storage Tanks/Vessels	N/A	R5112-003	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator
V-0765	Storage Tanks/Vessels	N/A	R5112-006	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-0765	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
V-3510	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
V-4500	Storage Tanks/Vessels	N/A	R5112-003	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator
V-4500	Storage Tanks/Vessels	N/A	R5112-006	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-4500	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
V-4525	Storage Tanks/Vessels	N/A	R5112-003	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Direct-flame incinerator

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
V-4525	Storage Tanks/Vessels	N/A	R5112-006	30 TAC Chapter 115, Storage of VOCs	Control Device Type = Flare
V-4525	Storage Tanks/Vessels	N/A	63GTKWW1	40 CFR Part 63, Subpart G	No changing attributes.
Z-4810	Emission Points/Stationary Vents/Process Vents	N/A	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
Z-4810	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-001	40 CFR Part 60, Subpart Db	No changing attributes.
Z-4810	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
Z-4820	Emission Points/Stationary Vents/Process Vents	N/A	R1111-001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
Z-4820	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-001	40 CFR Part 60, Subpart Db	No changing attributes.
Z-4820	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDD-001	40 CFR Part 63, Subpart DDDDD	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CASPVHDR	EP	63GPV-018	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a)(5) § 63.114(b) § 63.114(b)(3) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(b) § 63.114(b)(3) § 63.118(a)(4) § 63.118(f)(6) [G]§ 63.152(a)	§ 63.114(e) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CASPVHDR	EP	63GPV-019	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a)(5) § 63.114(b) § 63.114(b)(3) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(b) § 63.114(b)(3) § 63.118(a)(4) § 63.118(f)(6) [G]§ 63.152(a)	§ 63.114(e) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CASPVHDR	EP	63GPV-020	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a)(5) § 63.114(b) § 63.114(b)(3) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(b) § 63.114(b)(3) § 63.118(a)(4) § 63.118(f)(6) [G]§ 63.152(a)	§ 63.114(e) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
CTW	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EGEN1	EU	60III-001	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
EGEN1	EU	60III-001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EGEN1	EU	60III-001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
EGEN1	EU	60III-001	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EGEN1	EU	63ZZZZ-001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(f)
FLR	CD	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FLR	CD	60A-001	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(ii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
FLR	CD	60A-002	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(iii) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLR	CD	60A-003	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
FLR	CD	63A-001	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
FLR	CD	63A-002	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
FLR	CD	63A-003	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLR	CD	63CC-001	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
FLR	CD	63CC-002	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLRFOPVHDR	EP	R5122-002	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
FLRFOPVHDR	EP	63GPV-003	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FLRFOPVHDR	EP	63GPV-013	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
FORM_CMPU	PRO	63F-001	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) [G]§ 63.104(h) § 63.104(i) [G]§ 63.104(j) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b) [G]§ 63.104(g)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.104(f)(3) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	60VVA-001	VOC	40 CFR Part 60, Subpart VVa	§ 60.480a(e)(2)(i) § 60.480a(e)(2)(ii) § 60.482-1a(a) § 60.482-1a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Owners or operators may choose to comply with the provisions of 40 CFR Part 63, Subpart H, to satisfy the requirements of §§60.482-1a through 60.487a for an affected facility. When choosing to comply with 40 CFR Part 63, Subpart H, the requirements of §60.485a(d), (e), and (f), and §60.486a(i) and (j) still apply.	[G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.486a(i) § 60.486a(i)(1) § 60.486a(i)(2) § 60.486a(i)(3)	None
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(j)(1) § 63.172(j)(2) § 63.172(m)	Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b).	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) § 63.172(j)(1) § 63.172(j)(2) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.118(a)(3) § 63.172(j)(1) [G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.167 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Open-ended valves or lines. §63.167(a)-(e).	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.173 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.173 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.172(d) § 63.11(b) § 63.172(e) [G]§ 63.172(h) § 63.172(m)	Flares used to comply with this subpart shall comply with the requirements of § 63.11(b) of 40 CFR 63, Subpart A.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d) [G]§ 63.180(e)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.172(c) § 63.172(e) [G]§ 63.172(h) § 63.172(m)	Enclosed combustion devices shall be designed and operated to reduce the organic HAP or VOC emissions vented to them with requirements as specified in this section.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.162(e) § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h)	Equipment that is in organic HAP service less than 300 hours per year is excluded from the requirements of §§63.163 - 63.174 and §63.178 if it is identified as required in §63.181(j).	[G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i) § 63.181(j)	[G]§ 63.182(a) [G]§ 63.182(b)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.164 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Compressors. §63.164(a)-(i)	[G]§ 63.164 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
FUG	EU	63H-ALL	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFLRPVHD R	EP	R5122-002	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by §115.121(c)(1) must be controlled properly using one of the control requirements specified in §115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None
GRPFLRPVHD R	EP	63GPV-002	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFLRPVHDR	EP	63GPV-005	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFLRPVHDR	EP	63GPV-007	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFLRPVH R	EP	63GPV-012	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFLRPVH R	EP	63GPV-015	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPFLRPVH R	EP	63GPV-017	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTKG	EU	63GTK-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or (a)(2) shall comply with § 63.119(e)(1)-(5).	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) § 63.120(d)(6) § 63.148(b)(1)(i) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(1) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) § 63.148(f)(1) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) § 63.148(i)(3)(i) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.148(j) § 63.148(j)(1) § 63.148(j)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTKG	EU	63GTK-002	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or (a)(2) shall comply with § 63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(1) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(f)(1) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) § 63.148(i)(3)(i) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.148(j)(1) § 63.148(j)(2) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTKG	EU	63GTK-003	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or (a)(2) shall comply with § 63.119(e)(1)-(5).	§ 63.120(d)(1) § 63.120(d)(1)(ii) § 63.120(d)(1)(ii)(A) § 63.120(d)(5) § 63.120(d)(6) § 63.148(b)(1)(i) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) § 63.123(f)(1) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) § 63.148(i)(3)(ii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	§ 63.120(d)(1)(ii)(B) § 63.120(d)(2) § 63.120(d)(2)(i) [G]§ 63.120(d)(2)(iii) § 63.120(d)(3) § 63.120(d)(3)(i) § 63.120(d)(3)(ii) § 63.120(d)(4) § 63.122(b) § 63.122(c)(1) [G]§ 63.122(g)(1) [G]§ 63.122(g)(2) § 63.148(j) § 63.148(j)(1) § 63.148(j)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTKG	EU	63GTK-004	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or (a)(2) shall comply with § 63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) § 63.148(i)(3)(ii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.148(j)(1) § 63.148(j)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTKG	EU	63GTK-005	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(e) § 63.11 § 63.119(a)(1) § 63.119(e)(1) § 63.119(e)(3) § 63.119(e)(4) § 63.119(e)(5) [G]§ 63.148(d) § 63.148(e)	The owner or operator who elects to use a closed vent system and control device (defined in § 63.111) to comply with § 63.119(a)(1) or (a)(2) shall comply with § 63.119(e)(1)-(5).	§ 63.120(e)(1) § 63.120(e)(4) § 63.120(e)(5) § 63.148(b)(1)(ii) [G]§ 63.148(c) § 63.148(f)(2) § 63.148(g) § 63.148(g)(2) § 63.148(h) § 63.148(h)(2)	§ 63.123(a) [G]§ 63.123(f)(2) § 63.148(g)(2) § 63.148(h)(2) § 63.148(i)(1) § 63.148(i)(2) § 63.148(i)(3)(ii) [G]§ 63.148(i)(4) § 63.148(i)(5) § 63.148(i)(6) [G]§ 63.152(a)	[G]§ 63.120(e)(2) § 63.122(c)(2) [G]§ 63.122(g)(1) [G]§ 63.122(g)(3) § 63.148(j) § 63.148(j)(1) § 63.148(j)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)
GRPTOPVHDR	EP	R5122-001	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)	For all persons in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, any vent gas streams affected by § 115.121(c)(1) must be controlled properly using one of the control requirements specified in § 115.122(c)(1)(A)-(C).	[G]§ 115.125 § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTOPVHDR	EP	63GPV-001	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.114(d)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTOPVHDR	EP	63GPV-004	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.114(d)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTOPVHDR	EP	63GPV-006	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.114(d)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTOPVHDR	EP	63GPV-011	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTOPVHDR	EP	63GPV-014	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRPTOPVHDR	EP	63GPV-016	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)	Reduce emissions of total organic HAPs by 98 wt.% or to a concentration of 20 ppm by volume; whichever is less stringent or as specified. §63.113(a)(2)(i)-(ii)	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(2) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(4) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
INCINTREAT	PRO	63GW WTREA T1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.138(e)(1) [G]§ 63.132(f) [G]§ 63.138(k) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a) § 63.145(d)(9)	The mass flow rate of Table 9 and/or Table 8 compounds shall be reduced by 99 percent or more and process efficiency shall be as per §63.145(c) or §63.145(d).	§ 63.138(j)(2) § 63.143(d) § 63.143(g) § 63.144(b) § 63.144(b)(1) § 63.144(b)(2) § 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5) [G]§ 63.144(b)(5)(i) § 63.144(b)(5)(ii) [G]§ 63.144(b)(5)(iii) § 63.144(b)(5)(iv) § 63.144(b)(6) § 63.144(c) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.144(c)(4) § 63.145(a)(1) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.145(a)(5) [G]§ 63.145(a)(6) § 63.145(d)(1) § 63.145(d)(2) § 63.145(d)(3) § 63.145(d)(4) § 63.145(d)(5) § 63.145(d)(6) § 63.145(d)(7) § 63.145(d)(8) § 63.145(d)(9)	§ 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5)(ii) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b) § 63.147(b)(7) § 63.147(e) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.143(d) § 63.146(a) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(b)(6) [G]§ 63.146(b)(8) § 63.146(b)(9) § 63.146(b)(9)(ii) [G]§ 63.146(d) § 63.146(f) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(1) § 63.151(f)(2) § 63.151(f)(3) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
INCINTREAT	PRO	63GW WTREA T3	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.138(e)(1) [G]§ 63.132(f) [G]§ 63.138(k) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a) § 63.145(d)(9)	The mass flow rate of Table 9 and/or Table 8 compounds shall be reduced by 99 percent or more and process efficiency shall be as per §63.145(c) or §63.145(d).	§ 63.138(j)(2) § 63.143(d) § 63.143(g) § 63.145(a)(1) § 63.145(a)(3) [G]§ 63.145(a)(4) § 63.145(a)(5) [G]§ 63.145(a)(6) § 63.145(d)(1) § 63.145(d)(2) § 63.145(d)(3) § 63.145(d)(4) § 63.145(d)(5) § 63.145(d)(6) § 63.145(d)(7) § 63.145(d)(8) § 63.145(d)(9)	§ 63.145(a)(3) [G]§ 63.145(a)(4) § 63.147(b) § 63.147(b)(7) § 63.147(e) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.143(d) § 63.146(a) § 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(b)(6) [G]§ 63.146(b)(8) § 63.146(b)(9) § 63.146(b)(9)(ii) [G]§ 63.146(d) § 63.146(f) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) § 63.151(e)(5) § 63.151(f) § 63.151(f)(1) § 63.151(f)(2) § 63.151(f)(3) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
MAINTVT	EP	63GMV T-001	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(k)	The owner or operator must comply with the applicable requirements in §63.113(k)(1)-(4) for each maintenance vent. Any vent designated as a maintenance vent is only subject to the maintenance vent provisions in §63.113(k) and the associated reporting and recordkeeping requirements in § 63.118(f)(9) and (m), respectively.	[G]§ 63.113(k)	[G]§ 63.118(m)	§ 63.118(f) [G]§ 63.118(f)(9)
MMA_CMPU	PRO	63F-001	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) [G]§ 63.104(h) § 63.104(i) [G]§ 63.104(j) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b) [G]§ 63.104(g)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.104(f)(3) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PRD	EU	63HPR D-001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165(a) [G]§ 63.165(b) [G]§ 63.165(c) [G]§ 63.165(d) [G]§ 63.165(e)	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with an instrument reading of less than 500 ppm above background except as provided in §63.165(b), as measured as specified in § 63.180(c). For each source as defined in § 63.101, and for each source as defined in § 63.191, beginning no later than the compliance dates specified in § 63.100(k)(10), § 63.165(a) no longer applies and instead the owner or operator must comply with § 63.165(e).	[G]§ 63.165(e)	§ 63.181(b)(11)	§ 63.182(c)(5) § 63.182(d)(2)(xviii)
RCRATREAT	PRO	63GW WTREA T2	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.138(h) [G]§ 63.132(f) § 63.138(h)(1) § 63.138(h)(2)(i) § 63.138(h)(2)(ii) § 63.138(h)(3) [G]§ 63.138(k) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a)	Treatment units in a RCRA unit option shall meet §63.138(h)(1), (h)(2), or (h)(3), and are exempt from §63.138(a)(3), §63.138(j), §63.132(a)(2)(iii) and §63.132(b)(3)(iii)	§ 63.144(b) § 63.144(b)(1) § 63.144(b)(2) § 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5) [G]§ 63.144(b)(5)(i) § 63.144(b)(5)(ii) [G]§ 63.144(b)(5)(iii) § 63.144(b)(5)(iv) § 63.144(b)(6) § 63.144(c) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.144(c)(4)	§ 63.144(b)(3) § 63.144(b)(4) § 63.144(b)(5)(iii) § 63.144(c)(1) § 63.144(c)(2) § 63.144(c)(3) § 63.147(b) § 63.147(b)(7) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(b)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
RCRATREAT	PRO	63GW WTREA T4	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.138(h) [G]§ 63.132(f) § 63.138(h)(1) § 63.138(h)(2)(i) § 63.138(h)(2)(ii) § 63.138(h)(3) [G]§ 63.138(k) § 63.140(a) § 63.140(b) § 63.140(c) § 63.144(a)	Treatment units in a RCRA unit option shall meet §63.138(h)(1), (h)(2), or (h)(3), and are exempt from §63.138(a)(3), §63.138(j), §63.132(a)(2)(iii) and §63.132(b)(3)(iii)	None	§ 63.147(b) § 63.147(b)(7) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.146(b)(2) § 63.146(b)(4) § 63.146(b)(5) § 63.146(b)(6) [G]§ 63.151(b) § 63.151(e) § 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6) § 63.152(h)
S-4600	EU	60KB-003	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 60.116b(f)(1) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
S-4600	EU	60KB-007	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 60.116b(f)(1) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TEMPFLR	CD	63A-004	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(ii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
TEMPFLR	CD	63A-005	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(iii) § 63.11(b)(7)(iii)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
TEMPFLR	CD	63A-006	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TEMPFLR	CD	63CC-003	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(2) § 63.670(e) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(b) § 63.670(c) § 63.670(d)(2) § 63.670(e) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(l) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(l) [G]§ 63.670(o)(2) § 63.670(q)
TEMPFLR	CD	63CC-004	Opacity	40 CFR Part 63, Subpart CC	§ 63.670(c) § 63.670 § 63.670(b) § 63.670(d) § 63.670(d)(1) § 63.670(e) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(2) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) [G]§ 63.670(o)(5) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(c)	Visible emissions. The owner or operator shall specify the smokeless design capacity of each flare and operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours, when regulated material is routed to the flare and the flare vent gas flow rate is less than the smokeless design capacity of the flare. The owner or operator shall monitor for visible emissions from the flare as specified in §63.670(h).	§ 63.670(b) § 63.670(c) § 63.670(d)(1) § 63.670(e) § 63.670(g) [G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(k) [G]§ 63.670(m) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c) [G]§ 63.671(d) [G]§ 63.671(e)	[G]§ 63.670(h) [G]§ 63.670(i) [G]§ 63.670(j) [G]§ 63.670(o)(1) [G]§ 63.670(o)(5) § 63.670(o)(6) § 63.670(p) [G]§ 63.671(a) [G]§ 63.671(b)	[G]§ 63.670(h) [G]§ 63.670(j) [G]§ 63.670(o)(2) § 63.670(q)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TFLRPVHDR	EP	63GPV-008	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TFLRPVHDR	EP	63GPV-009	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TFLRPVHDR	EP	63GPV-010	112(B) HAPS	40 CFR Part 63, Subpart G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)	Reduce emissions of organic HAP using a flare. §63.113(a)(1)(i)-(ii)	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(4) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(4) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
TK_LOAD_FO RM	EU	R5211-001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
TK_LOAD_FO RM	EU	63GLD-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)

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TK_LOAD_MM A	EU	R5211-001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
TK_LOAD_MM A	EU	63GLD-001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.126(c)	For each Group 2 transfer rack, maintain records as required in § 63.130(f). No other provisions for transfer racks apply to the Group 2 transfer rack.	None	§ 63.130(f) § 63.130(f)(1) § 63.130(f)(2) § 63.130(f)(3) § 63.130(f)(3)(i) § 63.130(f)(3)(ii)	§ 63.152(c)(4)(iii)
TK_LOAD_WW	EU	R5211-001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
TK_UNLD_AC ETIC	EU	R5211-003	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia under actual storage conditions is exempt from the requirements of the division (relating to Loading and Unloading of VOCs), except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

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TK_UNLD_DM A	EU	R5211-002	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.212(b)(3) § 115.212(b)(2) § 115.212(b)(3)(A) § 115.212(b)(3)(A)(i) § 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.212(b)(3)(D) § 115.214(b)(1)(B) § 115.214(b)(1)(C)	All land-based VOC transfer to or from transport vessels shall be conducted in the manner specified for leak-free operations.	§ 115.212(b)(3)(B) [G]§ 115.212(b)(3)(C) § 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.214(b)(1)(A)(ii) § 115.214(b)(1)(A)(iii)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(iii)	None
TO_PROCESS	EU	R1121-001	CO	30 TAC Chapter 111, Incineration	§ 111.121(3) § 111.121(4) § 111.129(2)	Incinerator carbon monoxide (CO) emissions shall not exceed 120 ppmv dry basis, when corrected to 7.0% oxygen. With approval, a total hydrocarbon (THC) alternative of 20 ppmv, 7.0% oxygen is allowed.	[G]§ 111.125 § 111.127(a)	§ 111.127(a) § 111.127(b)	None
TO_PROCESS	EU	R1121-001	Hydrogen Chloride	30 TAC Chapter 111, Incineration	§ 111.121(2) § 111.121(4) § 111.129(2)	Incinerator hydrogen chloride emissions greater than 1.8 kilograms (4 pounds) per hour require a control device with a minimum removal efficiency of 95%.	[G]§ 111.125 § 111.127(a)	§ 111.127(a) § 111.127(b)	None
TO_PROCESS	EU	R1121-001	PM	30 TAC Chapter 111, Incineration	§ 111.121(1) § 111.121(4) § 111.129(2)	Incinerator particulate emissions shall not exceed 0.18 gram per dscm or 0.08 grain per dscf, front-half sampling train only, when corrected for 7.0% oxygen in stack gas according to specified formula.	[G]§ 111.125 § 111.127(a)	§ 111.127(a) § 111.127(b)	None

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TO_PROCESS	EU	R1121-001	PM (Opacity)	30 TAC Chapter 111, Incineration	§ 111.121(5) § 111.121(4) § 111.129(2)	Visible emissions from an incinerator shall not exceed an opacity of 5.0% averaged over any 6-minute period.	[G]§ 111.125 § 111.127(a)	§ 111.127(a) § 111.127(b)	None
TO_PROCESS	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
TO_PROCESS	EU	R200-001	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)

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TO_PROCESS	EU	60CCC C-001	CO	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 [G]§ 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the carbon monoxide emission limit of 35 parts by million dry volume.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(g) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) [G]§ 60.2165(o) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 [G]§ 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

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TO_PROCESS	EU	60CCC C-001	Cadmium	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the cadmium emission limit of 0.023 milligrams per dry standard cubic meter.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 [G]§ 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

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TO_PROCESS	EU	60CCC C-001	Dioxins/Furans	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must the emission limit for Dioxins/Furans (toxic equivalency basis) of 0.093 nanograms per dry standard cubic meter.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

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TO_PROCESS	EU	60CCC C-001	Fugitive Ash	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2110(i) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the emission limit of visible emissions for no more than 5 percent of the hourly observation period for fugitive ash.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

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TO_PROCESS	EU	60CCC C-001	HCl	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the emission limit for hydrogen chloride of 14 parts per million dry volume.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2165(r) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60CCC C-001	Mercury	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the emission limit for mercury of 0.00056 milligrams per dry standard cubic meter.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60CCC C-001	NO _x	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.22240 § 60.22242	You must meet the emission limit for nitrogen oxides of 76 parts per million dry volume.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) [G]§ 60.2145(t) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) [G]§ 60.2165(k) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60CCC C-001	PM	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2110(i) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the emission limit for particulate matter (filterable) of 110 milligrams per dry standard cubic meter.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2145(x) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(p) [G]§ 60.2165(r) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60CCC C-001	Pb	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the emission limit for lead of 0.096 milligrams per dry standard cubic meter.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60CCC C-001	SO ₂	40 CFR Part 60, Subpart CCCC	§ 60.2105(a)-Table 6 [G]§ 60.2045 [G]§ 60.2050 § 60.2055 § 60.2065 [G]§ 60.2070 [G]§ 60.2075 [G]§ 60.2080 [G]§ 60.2085 [G]§ 60.2090 § 60.2110(b) § 60.2145(a) § 60.2145(d) § 60.2240 § 60.2242	You must meet the emission limit for sulfur dioxide of 720 parts per million dry volume.	[G]§ 60.2125 § 60.2130 [G]§ 60.2135 [G]§ 60.2140 [G]§ 60.2141 § 60.2145(b) § 60.2145(c) § 60.2145(e) § 60.2145(f) § 60.2145(h) § 60.2145(i) [G]§ 60.2145(k) [G]§ 60.2145(l) § 60.2145(v) § 60.2150 § 60.2151 [G]§ 60.2155 [G]§ 60.2160 § 60.2165(c) § 60.2165(h) § 60.2165(p) [G]§ 60.2170	[G]§ 60.2095 § 60.2175(a) § 60.2175(b)(1) § 60.2175(b)(5) § 60.2175(e) § 60.2175(f) § 60.2175(g) § 60.2175(h) § 60.2175(i) § 60.2175(j) § 60.2175(k) § 60.2175(l) § 60.2175(m) § 60.2175(n) § 60.2175(o) § 60.2175(p) § 60.2175(q) § 60.2175(r) § 60.2175(s) § 60.2175(t) § 60.2175(u) § 60.2180	[G]§ 60.2060 [G]§ 60.2100 [G]§ 60.2115 [G]§ 60.2145(l) § 60.2185-Table 4 [G]§ 60.2190 [G]§ 60.2195 [G]§ 60.2200 § 60.2205 [G]§ 60.2210 [G]§ 60.2215 [G]§ 60.2220 [G]§ 60.2225 [G]§ 60.2230 [G]§ 60.2235

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60DB-002	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO _x in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(i) § 60.49b(v) § 60.49b(w)
TO_PROCESS	EU	60DB-002	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TO_PROCESS	EU	60DB-002	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
TO_PROCESS	EU	60DB-002	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
V-0130	EU	R5112-002	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
V-0130	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
V-0130	EU	60KB-001	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
V-0130	EU	60KB-006	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(b)(1) [G]§ 60.112b(a)(3) § 60.18	Storage vessels specified in §60.112b(b) and equipped with a closed vent system and control device are to meet the specifications in §60.112b(a)(3).	§ 60.113b(d) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b § 60.115b(d)(2) § 60.116b(a) § 60.116b(b)	§ 60.115b § 60.115b(d)(1) § 60.115b(d)(3)
V-0765	EU	R5112-003	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
V-0765	EU	R5112-006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
V-0765	EU	63GTK WW1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii) § 63.152(h)
V-3510	EU	63GTK WW1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii) § 63.152(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
V-4500	EU	R5112-003	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
V-4500	EU	R5112-006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
V-4500	EU	63GTK WW1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii) § 63.152(h)
V-4525	EU	R5112-003	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
V-4525	EU	R5112-006	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	None
V-4525	EU	63GTK WW1	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.133(a)(1)	A fixed roof shall be operated and maintained except that if the wastewater tank is used for specified purpose, then owner or operator shall comply with requirements of § 63.133(a)(2).	None	None	§ 63.146(b)(2) § 63.146(b)(5) [G]§ 63.151(a)(6) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(c)(1) § 63.152(c)(4)(ii)
Z-4810	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
Z-4810	EU	60DB-001	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO _x in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(4) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f) § 60.48b(g)(1)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(h)(4) § 60.49b(i) § 60.49b(v) § 60.49b(w)
Z-4810	EU	60DB-001	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
Z-4810	EU	60DB-001	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
Z-4810	EU	60DB-001	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
Z-4810	EU	63DDD DD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
Z-4820	EP	R1111-001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
Z-4820	EU	60DB-001	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a)	On or after the §60.8 performance test is completed, no facility that commenced construction after 07/09/1997 shall discharge NO _x in excess 86 ng/J (0.20 lb/MMBtu) heat input if the facility combusts coal, oil, natural gas or a combination involving these fuels unless the facility is subject to and in compliance with a federally enforceable requirement that limits operation an annual capacity factor of 10 percent or less for coal, oil, and natural gas (or any combination of the three).	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(4) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f) § 60.48b(g)(1)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(h)(4) § 60.49b(i) § 60.49b(v) § 60.49b(w)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
Z-4820	EU	60DB-001	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
Z-4820	EU	60DB-001	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
Z-4820	EU	60DB-001	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
Z-4820	EU	63DDD DD-001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7510(g) § 63.7515(d) § 63.7525(a)(7) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7555(a) § 63.7555(a)(1) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)

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CAM Summary

Unit/Group/Process Information	
ID No.: FLRFOPVHDR	
Control Device ID No.: FLR	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5122-002
Pollutant: VOC	Main Standard: § 115.122(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Loss of pilot flame	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

CAM Summary

Unit/Group/Process Information	
ID No.: GRPFLRPVHDR	
Control Device ID No.: FLR	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5122-002
Pollutant: VOC	Main Standard: § 115.122(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: N/A	
Deviation Limit: Loss of pilot flame	
CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall be accurate to within manufacturer's recommendations. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or other written procedures that provide an adequate assurance that the device is calibrated accurately.	

CAM Summary

Unit/Group/Process Information	
ID No.: GRPTOPVHDR	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5122-001
Pollutant: VOC	Main Standard: § 115.122(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum Temperature = A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 0.75% of the temperature being measured expressed in degrees Celsius; or ± 2.5 degrees Celsius.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: CTW	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Maximum opacity - 15% averaged over six-minute period	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: S-4600	
Control Device ID No.: CVS	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-003
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Leak	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: If leaks are found using Method 21 (greater than 500 ppm above background) or visual inspections and repairs are not made as soon as practicable.	
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 40 CFR § 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 40 CFR § 63.148(b)(1)(ii).	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: S-4600	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-003
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: S-4600	
Control Device ID No.: CVS	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-007
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Leak	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: If leaks are found using Method 21 (greater than 500 ppm above background) or visual inspections and repairs are not made as soon as practicable.	
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 40 CFR § 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 40 CFR § 63.148(b)(1)(ii).	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TO_PROCESS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R200-001
Pollutant: SO ₂	Main Standard: § 112.9(a)
Monitoring Information	
Indicator: Sulfur concentration	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: A deviation shall be reported if annual performance test indicates SO ₂ emissions greater than 440 ppmv.	
Periodic Monitoring Text: Conduct annual performance test for SO ₂ emissions per the requirements in 40 CFR § 60.2125.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: TO_PROCESS	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Maximum opacity - 15% averaged over six-minute period	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0130	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-002
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0130	
Control Device ID No.: FLR	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-005
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0130	
Control Device ID No.: CVS	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-001
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC leak	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: If leaks are found using Method 21 (greater than 500 ppm above background) or visual inspections and repairs are not made as soon as practicable.	
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 40 CFR § 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 40 CFR § 63.148(b)(1)(ii).	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0130	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-001
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0130	
Control Device ID No.: CVS	Control Device Type: Vapor collection system (closed vent system)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60KB-006
Pollutant: VOC	Main Standard: § 60.112b(b)(1)
Monitoring Information	
Indicator: VOC leak	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: If leaks are found using Method 21 (greater than 500 ppm above background) or visual inspections and repairs are not made as soon as practicable.	
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 40 CFR § 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 40 CFR § 63.148(b)(1)(ii).	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0765	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-003
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-0765	
Control Device ID No.: FLR	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-006
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-4500	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-003
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-4500	
Control Device ID No.: FLR	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-006
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-4525	
Control Device ID No.: TO_PROCESS	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-003
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.	
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: V-4525	
Control Device ID No.: FLR	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-006
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: N/A	
Deviation Limit: Lack of pilot flame	
Periodic Monitoring Text: Measure and record the presence of the pilot flame or maintain records of alarm events and duration of alarm events. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data which indicates the lack of a pilot flame shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: Z-4810	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Maximum opacity - 15% averaged over six-minute period	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: Z-4820	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-001
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Maximum opacity - 15% averaged over six-minute period	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.	

Permit Shield

Permit Shield 121

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
AIROXPV	N/A	40 CFR Part 60, Subpart III	Process vents are 40 CFR 63, Subpart G Group 1 process vents and are required to comply only with the provisions of the 40 CFR 63, Subpart G.
CTW	N/A	40 CFR Part 63, Subpart Q	Cooling tower does not operate with chromium-based water treatment chemicals.
DIESGENTK	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
DIESGENTK	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.
DISTILPV	N/A	40 CFR Part 60, Subpart NNN	Process vents are 40 CFR 63, Subpart G Group 1 process vents and are required to comply only with the provisions of the 40 CFR 63, Subpart G.
GRPTKG	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	30 TAC Chapter 115, Storage of VOCs	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
GRPTKG	S-1550, S-3300, S-7000, S-7005, S-7010, S-8100, S-8110	40 CFR Part 60, Subpart Kb	Storage tank is a 40 CFR 63, Subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, Subpart G.
OILTKS	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank has a capacity less than 1,000 gallons.
OILTKS	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.
REACTPV	N/A	40 CFR Part 60, Subpart RRR	Process vents are 40 CFR 63, Subpart G Group 1 process vents and are required to comply only with the provisions of the 40 CFR 63, Subpart G.
S-0120	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
S-0120	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity greater than or equal to 75 cubic meters but less than 151 cubic meters and stores a liquid with a maximum true vapor pressure less than 15.0 kPa.
S-4600	N/A	30 TAC Chapter 115, Storage of VOCs	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
TO_PROCESS	N/A	40 CFR Part 60, Subpart E	The unit is not used in the process of burning solid waste for the purpose of reducing the volume of the waste by removing combustible matter.
TO_PROCESS	N/A	40 CFR Part 61, Subpart C	The unit does not process beryllium-containing waste.
TO_PROCESS	N/A	40 CFR Part 61, Subpart E	The unit does not incinerate or dry wastewater treatment plant sludge.
TO_PROCESS	N/A	40 CFR Part 63, Subpart DDDDD	This unit is a waste heat boiler, which is excluded from the definition of boiler.
TO_PROCESS	N/A	40 CFR Part 63, Subpart EEE	The unit does not combust hazardous waste as defined in 40 CFR § 261.3.
V-0765	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.
V-4500	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.
V-4525	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meters.

New Source Review Authorization References

New Source Review Authorization References	124
New Source Review Authorization References by Emission Unit	125

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.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: GHGPSDTX208	Issuance Date: 04/09/2024
PSD Permit No.: PSDTX1596	Issuance Date: 04/09/2024
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.: 165103	Issuance Date: 04/09/2024
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.472	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
AIROXPV	Air Oxidation Continuous Process Vents	165103, GHGPSDTX208, PSDTX1596
CASPVHDR	Process Vents to Carbon Adsorption System	165103, GHGPSDTX208, PSDTX1596
CTW	Cooling Tower	165103, GHGPSDTX208, PSDTX1596
DIESGENTK	Generator Diesel Storage Tank	165103, GHGPSDTX208, PSDTX1596
DISTILPV	Distillation Continuous Process Vents	165103, GHGPSDTX208, PSDTX1596
EGEN1	Emergency Generator 1	165103, GHGPSDTX208, PSDTX1596
FL-PRDHD-V9707	PRD Emergency Relief Header to Flare System	165103, GHGPSDTX208, PSDTX1596
FL-PVHDR-V9610	DOE Offgas V/L Separator Vents to Flare System	165103, GHGPSDTX208, PSDTX1596
FL-PVHDR-V9615	Low O ₂ Offgas Knockout Drum Vents to Flare System	165103, GHGPSDTX208, PSDTX1596
FL-PVHDR-V9620	MAL & MMA Offgas Process Vents to Flare System	165103, GHGPSDTX208, PSDTX1596
FLR	Plant Flare System	165103, GHGPSDTX208, PSDTX1596
FLR-STHDR-DMA	DMA Storage Tank Vent in Header to Plant Flare	165103, GHGPSDTX208, PSDTX1596
FLRFOPVHDR	Process Vents to Plant Flare for Formalin	165103, GHGPSDTX208, PSDTX1596
FORM_CMPU	Formalin CMPU	165103, GHGPSDTX208, PSDTX1596
FUG	Equipment Leak Fugitives	165103, GHGPSDTX208, PSDTX1596
INCINTREAT	HON Wastewater Treatment By Incineration	165103, GHGPSDTX208, PSDTX1596
MAINTVT	Maintenance Vents	165103, GHGPSDTX208, PSDTX1596
MMA_CMPU	MMA CMPU	165103, GHGPSDTX208, PSDTX1596
OILTKS	Compressor/Chiller Oil Storage Tanks	165103, GHGPSDTX208, PSDTX1596
PRD	Pressure Relief Devices	165103, GHGPSDTX208, PSDTX1596
RCRATREAT	HON Wastewater Treatment by RCRA	165103, GHGPSDTX208, PSDTX1596

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
REACTPV	Reactor Continuous Process Vents	165103, GHGPSDTX208, PSDTX1596
S-0120	80 wt% AcOH Storage Tank	165103, GHGPSDTX208, PSDTX1596
S-1550	Raw MMA Storage Tank	165103, GHGPSDTX208, PSDTX1596
S-3300	Finished MMA Intermediate Day Tank	165103, GHGPSDTX208, PSDTX1596
S-4600	MAL Wastewater Storage Tank	165103, GHGPSDTX208, PSDTX1596
S-7000	MMA Remote Storage Tank I	165103, GHGPSDTX208, PSDTX1596
S-7005	MMA Remote Storage Tank III	165103, GHGPSDTX208, PSDTX1596
S-7010	MMA Remote Storage Tank II	165103, GHGPSDTX208, PSDTX1596
S-8100	FO Plant Storage Tank I	165103, GHGPSDTX208, PSDTX1596
S-8110	FO Plant Storage Tank II	165103, GHGPSDTX208, PSDTX1596
TEMPFLR	Temporary Flare Used for MSS Activities	165103, GHGPSDTX208, PSDTX1596
TFLRPVHDR	Process Vents In Header to Temporary Flare	165103, GHGPSDTX208, PSDTX1596
TK_LOAD_FORM	Truck Loading of Formalin	165103, GHGPSDTX208, PSDTX1596, 106.262/11/01/2003 [176984]
TK_LOAD_MMA	Truck Loading of MMA	165103, GHGPSDTX208, PSDTX1596
TK_LOAD_WW	Truck Loading of Wastewater	106.472/09/04/2000
TK_UNLD_ACETIC	Truck Unloading of Acetic Acid	165103, GHGPSDTX208, PSDTX1596
TK_UNLD_DMA	Truck Unloading of DMA	165103, GHGPSDTX208, PSDTX1596
TO-PVHDR-FO	Formalin Process Vents to Process Thermal Oxidizer	165103, GHGPSDTX208, PSDTX1596
TO-PVHDR-V9610	DOE Offgas V/L Separator Vents to Process TO	165103, GHGPSDTX208, PSDTX1596
TO-PVHDR-V9615	Low O ₂ Offgas Knockout Drum Vents to Process TO	165103, GHGPSDTX208, PSDTX1596

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
TO-PVHDR-V9620	MAL & MMA Offgas Process Vents to Process TO	165103, GHGPSDTX208, PSDTX1596
TO-STHDR-DMA	DMA Storage Tank Vent to Process Thermal Oxidizer	165103, GHGPSDTX208, PSDTX1596
TO_PROCESS	Process Thermal Oxidizer	165103, GHGPSDTX208, PSDTX1596
V-0130	40 wt% DMA Stroage Tank	165103, GHGPSDTX208, PSDTX1596
V-0765	Spent Catalyst Recovered Aqueous Collection Vessel	165103, GHGPSDTX208, PSDTX1596
V-3510	Lima Plant Slop Tank	165103, GHGPSDTX208, PSDTX1596
V-4500	Organic Waste Storage Tank	165103, GHGPSDTX208, PSDTX1596
V-4525	Contaminated Organic Waste Storage Tank	165103, GHGPSDTX208, PSDTX1596
Z-4810	Boiler 1	165103, GHGPSDTX208, PSDTX1596
Z-4820	Boiler 2	165103, GHGPSDTX208, PSDTX1596

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Schedules

Compliance Schedule	129

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
TO_PROCESS	60CCCC-001	Cadmium, CO, D/F, Fugitive Ash, HCl, Pb, Hg, NOx, PM, SO ₂	60.2190, 60.2045(b), 60.2050, 60.2055- 2065, 60.2230(a)	Preconstruction notification requirements, siting analysis, Waste Management Plan (WMP) requirements, notification of date of construction requirements
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
60.2190, 60.2045(b), 60.2050, 60.2055-2065, 60.2230(a)	Preconstruction notification development and submittal, siting analysis review and documentation, Waste Management Plan (WMP) development, notification of date of construction development and submittal		Documentation not yet created	
3. Non-compliance Situation Description				
The federal regulatory applicability review conducted as part of the initial Title V Operating Permit Application identified that the thermal oxidizer (TO_PROCESS) is subject to 40 CFR 60, New Source Performance Standards (NSPS) for New Commercial & Industrial Solid Waste Incinerator (CISWI) Units (NSPS CCCC). As a result, the pre-construction requirements described above were not met for the thermal oxidizer.				
4. Corrective Action Plan Description				
Roehm America, LLC is in the process of addressing each of these pre-construction requirements.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	Preconstruction Notification development and submittal, Siting Analysis development, WMP development, and Notification of Date of Construction development and submit development by 5/1/25.			
6. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted
		N/A		N/A
7. Progress Report Submission Schedule		Every six months, with deviation report.		

Appendix A

Acronym List 131

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

Appendix B

Major NSR Summary Table 133

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: April 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
BLR1	Boiler 1	NO _x	2.75	-	3, 5, 6, 23, 24, 25	3, 5, 6, 23, 24, 25, 40	3, 5, 23, 25
		NO _x Non-routine (6)	6.77	-			
		CO	13.74	-			
		NH ₃	0.84	-			
		SO ₂	2.7	-			
		PM ₁₀	1.38	-			
		PM _{2.5}	1.38	-			
		VOC	0.99	-			
BLR2	Boiler 2	NO _x	2.75	-	3, 5, 6, 23, 24, 25	3, 5, 6, 23, 24, 25, 40	3, 5, 23, 25
		NO _x Non-routine (6)	6.77	-			
		CO	13.74	-			
		NH ₃	0.84	-			
		SO ₂	2.7	-			
		PM ₁₀	1.38	-			
		PM _{2.5}	1.38	-			

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: April 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC	0.99	-			
BLR_CAP	Boiler 1 and Boiler 2	NO _x	-	19.24	3, 5, 6, 23, 24, 25	3, 5, 6, 23, 24, 25, 40	3, 5, 23, 25
		CO	-	48.14			
		NH ₃	-	5.86			
		SO ₂	-	18.86			
		PM ₁₀	-	9.62			
		PM _{2.5}	-	9.62			
		VOC	-	6.93			
TO_PROCESS	Process Thermal Oxidizer	VOC	9.51	41.65	3, 5, 7, 10, 23, 24, 25, 34	3, 5, 7, 10, 23, 24, 25, 40	3, 5, 23, 25
		NO _x	16.51	72.28			
		CO	20.63	22.89			
		PM	2.50	10.91			
		PM ₁₀	2.50	10.91			
		PM _{2.5}	2.50	10.91			
		SO ₂	1.80	7.87			

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: April 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NH ₃	2.51	5.55			
FLR	Plant Flare System	VOC	44.51	55.63	3, 5, 8, 10, 34	3, 5, 8, 10, 40	3, 5
		NO _x	33.64	42.05			
		CO	173.26	216.58			
		SO ₂	6.62	8.28			
TK_LOAD1	Truck Loading Rack 1 (loading fugitives)	VOC	1.04	0.24	5, 16, 18	5, 15, 40	5
S-0150	Tank S-0150	IOC-U	0.01	0.01		14, 40	
S-0160	Tank S-0160	H ₂ SO ₄	0.01	0.01		14, 40	
CTW	Cooling Tower	VOC	50.41	22.08	5, 11, 12	5, 11, 12, 40	5
		PM	3.01	13.16			
		PM ₁₀	0.47	2.02			
		PM _{2.5}	0.01	0.02			
EGEN1	Emergency Generator 1	VOC	35.28	1.77	3, 5, 19	3, 5, 19, 40	3, 5
		NO _x	35.28	1.77			

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: April 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	19.30	0.97			
		SO ₂	0.04	0.01			
		PM	1.11	0.06			
		PM ₁₀	1.11	0.06			
		PM _{2.5}	1.11	0.06			
FUG	Equipment Leak Fugitives (5)	VOC	1.55	6.76	3, 5, 20, 21, 22	3, 5, 20, 21, 22, 40	3, 5, 20
		NH ₃	0.09	0.38			
MSS1	Maintenance, Startup, Shutdown Activities	VOC	4.02	0.08	5, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35	5, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 40	5
		H ₂ SO ₄	0.02	0.01			
		PM	0.37	0.01			
		PM ₁₀	0.18	0.01			
		PM _{2.5}	0.03	0.01			

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

SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
H ₂ SO ₄	- sulfuric acid
NH ₃	- ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission rate applicable only if SCR is installed to meet NO_x limits.

Major NSR Summary Table

Permit Number: GHGPSDTX208				Issuance Date: April 9, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
TO_PROCESS	Process Thermal Oxidizer	CO ₂ e	189,265.07	37	36, 37, 39, 40	
FLR	Plant Flare System	CO ₂ e	92,031.98	37	36, 37, 39, 40	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) CO₂e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):
CO₂ (1), N₂O (298), CH₄(25), SF₆ (22,800), HFC (various), PFC (various)
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

From: Alfredo Mendoza
Sent: Monday, January 12, 2026 5:06 PM
To: 'Brown, Stephen'
Cc: Melissa Ryan; Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

Stephen,

I am confirming that I received your December 15, 2025 email. I will send you a final draft permit for review within the next 2-3 days to ensure that all updates were made to the permit. I hope to wrap this up soon so that I can send the public notice authorization letter out by the end of the month.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

From: Brown, Stephen <Stephen.Brown@roehm.com>
Sent: Monday, December 15, 2025 10:24 AM
To: Alfredo Mendoza
Cc: Melissa Ryan; Gena Driscoll; Green, Kent
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007
Attachments: 20875-OPPBR SUP - 2025-1212.pdf; 10007 - OPSUM 2025-1212 pg 2.pdf
Importance: High

Mr. Mendoza,

For some reason, the email you sent on 12-10-2025 never got to my email, I have looked in all my folders (spam, deleted, other, etc.) I received the email from Melissa this morning. Looking at the email that you sent it to, it looks correct. In future emails, can you also add Kent Green, kent.green@roehm.com.

I am starting a new email chain to ensure that I get your response in my inbox.

To catch up and make sure we are on the same page, the last email I received from you was 8-22-2025. My response was as follows:



Brown, Stephen

To: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>

Cc: gdriscoll@trinityconsultants.com; Melissa Ryan <MRyan@trinityconsultants.com>;  Green, Kent

Alfredo,

Please see below for a list of requested changes on the citation level applicability.

Unit	SOP Index	Pollutant	Requested Change
TO_PROCESS	60DB-002	NOx	Please update all citations in the WDP to match what was submitted in the OP-REQ3 with the original application. The listed citations do not match the attributes provided for NOx.
GRPTKG	63GTK-001, 63GTK-003, 63GTK-002, 63GTK-004, 63GTK-005	HAPs	Please add 63.122(g)(1) and 63.152(h) to the reporting requirements.
GRPTOPVHDR	63GPV-001, 63GPV-004, 63GPV-006, 63GPV-011, 63GPV-014, 63GPV-016	HAPs	Please add 63.152(h) to the reporting requirements.
GRPFLRPVHDR	63GPV-002, 63GPV-005, 63GPV-007, 63GPV-012, 63GPV-015, 63GPV-017	HAPs	Please add 63.152(h) to the reporting requirements.
TFLRPVHDR	63GPV-008, 63GPV-009, 63GPV-010	HAPs	Please add 63.152(h) to the reporting requirements.
FLRFOPVHDR	63GPV-003, 63GPV-013	HAPs	Please add 63.152(h) to the reporting requirements.
MMA_CMPU	63F-001	HAPs	Please add [G]63.104(g)-(j) to the standards and [G]63.104(f)(3) to the monitoring requirements.
FORM_CMPU	63F-001	HAPs	Please add [G]63.104(g)-(j) to the standards and [G]63.104(f)(3) to the monitoring requirements.
V-0765	63GTKWW1	HAPs	Please add 63.152(h) to the reporting requirements.
V-3510	63GTKWW1	HAPs	Please add 63.152(h) to the reporting requirements.
V-4500	63GTKWW1	HAPs	Please add 63.152(h) to the reporting requirements.
V-4525	63GTKWW1	HAPs	Please add 63.152(h) to the reporting requirements.
INCINTREAT	63GWWTREAT1, 63GWWTREAT3	HAPs	Please add 63.152(h) to the reporting requirements.
RCRATREAT	63GWWTREAT2, 63GWWTREAT4	HAPs	Please add 63.152(h) to the reporting requirements.

Please provide an updated working draft permit for our review prior to sending this project public notice.

Regards,

Brady Brown, CSP
Site ESH Manager

Sent: Monday, August 18, 2025 11:59 AM

To: Brown, Stephen <Stephen.Brown@roehm.com>

Cc: gdriscoll@trinityconsultants.com; Melissa Ryan <MRyan@trinityconsultants.com>

Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

EMAIL FROM EXTERNAL SENDER

Do not open links or attachments if you do not recognize the sender of this email. Please use the "Report Phishing" button in the top right corner of the email client.

Mr. Brown,

I am updating the draft permit to incorporate the requested changes. The last attachment indicated that you were still in the process of updating the draft permit to move this project forward for public notice and I need to know if there are any more updates. Please let me know by August 20th, 2025. If no further updates are required, I will ask you to go ahead and certify any application updates such as those indicated in the draft permit authorization letter.

I apologize for the delay as I have been swamped with other permit projects.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

I have never seen a draft permit following this email correspondence.

In response to your email on 12-10-2025

Please find attached an updated OP-PBRSUP form. The source TK_LOAD_WW is authorized via unregistered PBR 106.472 (rather than 106.262). The source has been moved to Table B and Table D has been updated. The page of the OP-SUM form with TK_LOAD_WW included is also attached to show the update in the NSR authorization (highlighted yellow).

Please send the updated draft permit for our review before you proceed with the public notice process.

Regards,

Brady Brown, CSP

Site ESH Manager

Roehm America LLC

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stephen.brown@roehm.com

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Informationen gem. Art. 13/14 DSGVO zur Verarbeitung Ihrer personenbezogenen Daten finden Sie [hier](#)
Information about the processing of your personal data acc to art. 13/14 GDPR can be found [here](#)

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
Rev. 12/12/2025	4671	RN111258877

Unit ID No.	Registration No.	PBR No.	Registration Date
TK_LOAD_FORM	176984	106.262	8/6/2024

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

Date	Permit Number	Regulated Entity Number
Rev. 12/12/2025	4671	RN111258877

Unit ID No.	PBR No.	Version No./Date
TK_LOAD_WW	106.472	9/4/2000

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

Date	Permit Number	Regulated Entity Number
Rev. 12/12/2025	4671	RN111258877

PBR No.	Version No./Date
None	

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
Rev. 12/12/2025	4671	RN111258877

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TK_LOAD_FORM	106.262	176984	Emissions from loading will be calculated based on AP-42 Section 5.2 to determine compliance with PBR 106.4 emission limits.
TK_LOAD_WW	106.472	9/4/2000	Emissions from loading will be calculated based on AP-42 Section 5.2 to determine compliance with PBR 106.4 emission limits.

DIESGENTK	OPUA3	Generator Diesel Storage Tank		165103	PSDTX1596, GHGPSDTX208	
OILTKS	OPUA3	Compressor/Chiller Oil Storage Tanks		165103	PSDTX1596, GHGPSDTX208	
V-0765	OPUA3	Spent Catalyst Recovered Aqueous Collection Vessel		165103	PSDTX1596, GHGPSDTX208	
V-3510	OPUA3	LiMA Plant Slop Tank		165103	PSDTX1596, GHGPSDTX208	
V-4500	OPUA3	Organic Waste Storage Tank		165103	PSDTX1596, GHGPSDTX208	
V-4525	OPUA3	Contaminated Organic Waste Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-4600	OPUA3	MAL Wastewater Storage Tank		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_MMA	OPUA4	Truck Loading of MMA		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_FORM	OPUA4	Truck Loading of Formalin		106.262/11/01/2003[176984]		
TK_UNLD_DMA	OPUA4	Truck Unloading of DMA		165103	PSDTX1596, GHGPSDTX208	
TK_UNLD_ACETIC	OPUA4	Truck Unloading of Acetic Acid		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_WW	OPUA4	Truck Loading of Wastewater		106.472/09/04/2000		
TO_PROCESS	OPUA6, OPUA15, OPUA35	Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	
Z-4810	OPUA6, OPUA15	Boiler 1		165103	PSDTX1596, GHGPSDTX208	
Z-4820	OPUA6, OPUA15	Boiler 2		165103	PSDTX1596, GHGPSDTX208	
FLR	OPUA7	Plant Flare System		165103	PSDTX1596, GHGPSDTX208	
TEMPFLR	OPUA7	Temporary Flare used for MSS Activities		165103	PSDTX1596, GHGPSDTX208	

From: Brown, Stephen <Stephen.Brown@roehm.com>
Sent: Monday, April 21, 2025 3:22 PM
To: Alfredo Mendoza
Cc: gdriscoll@trinityconsultants.com; Melissa Ryan
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007
Attachments: Response to TCEQ Draft TV Questions 2025-0421.pdf

Mr. Mendoza,

Attached are our response to the Working Draft Permit. Thank you for your help with this.

Regards,

Brady Brown, CSP
Site ESH Manager

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- Emission unit CAS was listed on form OP-SUM that indicated that this unit appears on form OP-UA15. However, this unit does not appear on the submitted form OP-UA15. If this unit does not have any state or federal applicable requirements other than the NSR authorization, then this unit should not be listed on OP-SUM. If this unit does have applicable requirements for regulations that appear on form OP-UA15, please submit the unit attributes on form OP-UA15 for emission unit CAS.

Roehm has determined that the control scenarios using CAS are not needed at this time. An updated OP-SUM form with emission unit CAS and CASPVHDR removed is attached. In addition, the scenario using CAS (63GTK-006 for GRPTKG) has been removed from the OP-UA3 form (shown in strikethrough for clarity). Please remove this operating scenario from the permit.

- The application indicates that there is one PBR at the site for emission unit TK_LOAD_WW. All permit applications submitted on or after August 1, 2020 require the submittal of form OP-PBRSUP (PBR Supplemental Tables) for all emission units authorized by PBRs. As this unit is authorized by PBR registration number 176984 for PBR 106.262, please submit Table A (Registered PBRs) and Table D (monitoring/recordkeeping for demonstrating compliance with the PBR) on form OP-PBRSUP for emission unit TK_LOAD_WW. The PBR Supplemental Tables are incorporated by reference in Special Term and Condition 14 which currently has a placeholder for the date of the tables as they have not been submitted.

TK_LOAD_FORM is authorized via PBR. The attached OP-SUM form has been updated to indicate the NSR authorization and the OP-PBRSUP form has been completed as requested. TK_LOAD_WW is also included on the OP-PBRSUP.

- On form OP-UA7 page 1, SOP Index Number R1111-002 has the same unit attributes for unit FLR as SOP Index Number R1111-001. Different SOP Index numbers must have unique attributes for the same emission unit on the same table. I am not sure if this was a mistake, but the permit only has requirements for SOP Index Number R1111-001. If the SOP index number R1111-002 is not needed or if the attributes need to be corrected, please resubmit page 1 of the OP-UA7 to correct the attributes or SOP Index Numbers as appropriate.

We agree that for the flare, only SOP Index Number R1111-001 is required. In addition, Roehm is requesting that emission unit TEMPFLR be added to the permit with Chapter 111 applicability. An updated page 1 (Table 1) of OP-UA7 is attached.

- I did not enter the OP-REQ2 for MACT CC for emission units FLR and TEMPFLR. While it may be true that the flare does not have to comply with the MACT CC requirements until July 15, 2027 as noted in MACT F, the regulation is still applicable, and the MACT CC requirements appear in the permit based off the unit attributes provided. However, I did add a Special Term and Condition 1.G. that specifies that the permit holder shall comply with the MACT CC requirements upon the compliance date. I added similar language for the maintenance vents for MACT G. I did not add one for the pressure relief device (PRDs) subject to MACT H as the citations listed on form OP-REQ3 indicated that certain requirements were still applicable prior to the July 17, 2027 compliance date for pressure maintenance

requirements. We can discuss that further if you believe that PRDs do not have to comply with the MACT H requirements until July 17, 2027.

We agree with your comments above; no changes requested.

- Additional periodic monitoring is required for the following emission units:
 - Emission TO_PROCESS requires periodic monitoring for 30 TAC Chapter 112, Sulfur Compounds as the citations listed in the Applicable Requirement Summary table do not specify monitoring requirements to demonstrate compliance with the 400 ppmv SO₂ limit specified in 30 TAC §112.9(a). You may either submit a preapproved option from the periodic monitoring guidance document or submit a case-by-case monitoring requirement for review and approval on form OP-MON.

Roehm is required to conduct annual SO₂ performance testing in accordance with Table 6 of NSPS CCCC for Commercial and Industrial Solid Waste Incineration Units. As such, it is proposed that the NSPS monitoring requirements satisfy periodic monitoring for the purposes of demonstrating compliance with 30 TAC §112.9(a):

No person may cause, suffer, allow, or permit emissions of sulfur dioxide (SO₂) from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 parts per million by volume (ppmv) at actual stack conditions and averaged over a three-hour period.

The attached OP-MON proposes this case-by-case monitoring.

- Emission unit V-0130 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-002 and R5112-005 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-002 and flare for R5112-005) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.

Please see the attached OP-MON.

- Emission unit V-0139 requires periodic monitoring requirements for 40 CFR Part 60, Subpart Kb as the citations listed in the Applicable Requirement Summary table do not specify monitoring requirements for the closed vent system and control device standard as listed in [G]§60.112b(a)(3) which has standards for both the closed vent system and the control device.
 - SOP Index Number 60KB-001 requires periodic monitoring for both the closed vent system and the thermal oxidizer. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059; and PM-V-007 for the thermal oxidizer. Or you can submit case-by-case monitoring for the closed vent system and control device.

An OP-MON is being submitted to propose closed vent system and TO_PROCESS periodic monitoring consistent with HON requirements.

- SOP Index Number 60KB-006 already has 60.18 for the flare which requires continuous monitoring of the flare pilot flame. However, periodic monitoring is still required for closed vent system and control device. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059 or you may submit case-by-case monitoring for the closed vent system.

An OP-MON is being submitted to propose closed vent system consistent with HON requirements.

- Emission unit V-0765 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-003 and R5112-006 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-003 and flare for R5112-006) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.

Please see the attached OP-MON.

- Emission unit V-4500 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-003 and R5112-006 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-003 and flare for R5112-006) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.

Please see the attached OP-MON.

- Emission unit V-4525 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-003 and R5112-006 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-003 and flare for R5112-006) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.

Please see the attached OP-MON.

- Emission unit S-4600 requires periodic monitoring requirements for 40 CFR Part 60, Subpart Kb as the citations listed in the Applicable Requirement Summary table do

not specify monitoring requirements for the closed vent system and control device standard as listed in [G]§60.112b(a)(3) which has standards for both the closed vent system and the control device.

- SOP Index Number 60KB-003 requires periodic monitoring for both the closed vent system and the thermal oxidizer. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059; and PM-V-007 for the thermal oxidizer. Or you can submit case-by-case monitoring for the closed vent system and control device.

An OP-MON is being submitted to propose closed vent system and TO_PROCESS periodic monitoring consistent with HON requirements.

- SOP Index Number 60KB-007 already has 60.18 for the flare which requires continuous monitoring of the flare pilot flame. However, periodic monitoring is still required for closed vent system and control device. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059 or you may submit case-by-case monitoring for the closed vent system.

An OP-MON is being submitted to propose closed vent system periodic monitoring consistent with HON requirements.

- Please note that I may have had to either truncate or rename some of the unit IDs and the unit ID names on the New Source Review Authorization References by Emissions Unit table. We have strict character limits noted on our OP-SUM form instructions as these are database limits and we enter this information into a database which is used to create the MS Word version of the permit. Similarly, I may have had to truncate some of the information on the Compliance Schedule attachment in the permit from the OP-ACPS.

We understand the need to truncate. Roehm does have a few requested changes to the truncations that were made. Please see the attached OP-SUM form. The requested changes are highlighted yellow (either Unit ID or Unit Name).

Requested updates to draft permit:

Please update the compliance schedule based on the updated OP-ACPS form that is attached. The due date on the milestone and the progress report submission schedule have been updated from the previously submitted version.

Please add the Chapter 113 reference for Boiler MACT (113.1130) to Special Term and Condition 1.E.

Roehm is still reviewing the citation level applicability in the Applicable Requirements Summary and will provide further comments if necessary.

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

Table 1

Date	Permit No.	Regulated Entity No.
Rev. 04/21/2025	4671	RN111258877

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
EGEN1	OPUA2	Emergency Generator 1		165103	PSDTX1596, GHGPSDTX208	
S-8100	OPUA3	FO Plant Storage Tank I		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-8110	OPUA3	FO Plant Storage Tank II		165103	PSDTX1596, GHGPSDTX208	GRPTKG
V-0130	OPUA3	40 Wt% DMA Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-0120	OPUA3	80 Wt% AcOH Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-1550	OPUA3	Raw MMA Storage Tank		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-3300	OPUA3	Finished MMA Intermediate Day Tank		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-7000	OPUA3	MMA Remote Storage Tank I		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-7010	OPUA3	MMA Remote Storage Tank II		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-7005	OPUA3	MMA Remote Storage Tank III		165103	PSDTX1596, GHGPSDTX208	GRPTKG

DIESGENTK	OPUA3	Generator Diesel Storage Tank		165103	PSDTX1596, GHGPSDTX208	
OILTKS	OPUA3	Compressor/Chiller Oil Storage Tanks		165103	PSDTX1596, GHGPSDTX208	
V-0765	OPUA3	Spent Catalyst Recovered Aqueous Collection Vessel		165103	PSDTX1596, GHGPSDTX208	
V-3510	OPUA3	LiMA Plant Slop Tank		165103	PSDTX1596, GHGPSDTX208	
V-4500	OPUA3	Organic Waste Storage Tank		165103	PSDTX1596, GHGPSDTX208	
V-4525	OPUA3	Contaminated Organic Waste Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-4600	OPUA3	MAL Wastewater Storage Tank		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_MMA	OPUA4	Truck Loading of MMA		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_FORM	OPUA4	Truck Loading of Formalin		106.262/11/01/2003[176984]		
TK_UNLD_DMA	OPUA4	Truck Unloading of DMA		165103	PSDTX1596, GHGPSDTX208	
TK_UNLD_ACETIC	OPUA4	Truck Unloading of Acetic Acid		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_WW	OPUA4	Truck Loading of Wastewater		106.262		
TO_PROCESS	OPUA6, OPUA15, OPUA35	Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	
Z-4810	OPUA6, OPUA15	Boiler 1		165103	PSDTX1596, GHGPSDTX208	
Z-4820	OPUA6, OPUA15	Boiler 2		165103	PSDTX1596, GHGPSDTX208	
FLR	OPUA7	Plant Flare System		165103	PSDTX1596, GHGPSDTX208	
TEMPFLR	OPUA7	Temporary Flare used for MSS Activities		165103	PSDTX1596, GHGPSDTX208	

FUG	OPUA12	Equipment Leak Fugitives		165103	PSDTX1596, GHGPSDTX208	
CTW	OPUA13, OPUA15	Cooling Tower		165103	PSDTX1596, GHGPSDTX208	
TO-PVHDR-FO	OPUA15	Formalin Process Vents in Header to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-STHDR-DMA	OPUA15	DMA Storage Tank Vent to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-PVHDR-V9610	OPUA15	DOE Offgas V/L Separator Vents to Process TO		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-PVHDR-V9615	OPUA15	Low O2 Offgas Knockout Drum Vents to Process TO		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-PVHDRV9620	OPUA15	MAL & MMA Offgas Process Vents to Process TO		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
FL-PVHDR-V9610	OPUA15	DOE Offgas V/L Separator Vents to Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FL-PVHDR-V9615	OPUA15	Low O2 Offgas Knockout Drum Vents to Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FL-PVHDR-V9620	OPUA15	MAL & MMA Offgas Process Vents to Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FL-PRDHDR-V9707		PRD Emergency Relief Header to Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FLR-STHDR-DMA		DMA Storage Tank Vent in Header to Plant Flare		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FLRFOPVHDR	OPUA15	Process Vents in Header to Plant Flare for Formalin		165103	PSDTX1596, GHGPSDTX208	
TFLRPVHDR	OPUA15	Process Vents in Header to Temporary Flare		165103	PSDTX1596, GHGPSDTX208	
MMA_CMPU	OPUA60	MMA CMPU		165103	PSDTX1596, GHGPSDTX208	

FORM_CMPU	OPUA60	Formalin CMPU		165103	PSDTX1596, GHGPSDTX208	
DISTILPV	OPREQ2	Distillation Continuous Process Vents		165103	PSDTX1596, GHGPSDTX208	
AIROXPV	OPREQ2	Air Oxidation Continuous Process Vents		165103	PSDTX1596, GHGPSDTX208	
REACTPV	OPREQ2	Reactor Continuous Process Vents		165103	PSDTX1596, GHGPSDTX208	
INCINTREAT	OPUA58	HON wastewater treatment by incineration		165103	PSDTX1596, GHGPSDTX208	
RCRATREAT	OPUA58	HON wastewater treatment by RCRA		165103	PSDTX1596, GHGPSDTX208	

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 13)

Federal Operating Permit Program

Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing

Industry for Storage Vessels

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
Rev. 4/21/2025	4671	RN111258877

Unit ID No.	SOP Index No.	MACT Subpart F/G Applicability	NESHAP Subpart Y Applicability	NSPS Subpart Kb Applicability	Maximum TVP	Emission Control Type	AMOC ID No.
GRPTKG	63GTK-001	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-003	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-002	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-004	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-005	YES	NO		11.11-	CVS-CD	
~~GRPTKG~~	~~63GTK-006~~	~~YES~~	~~NO~~		~~11.11-~~	~~CVS-CD~~	

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 14)

Federal Operating Permit Program

Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
Rev. 4/21/2025	4671	RN111258877

Unit ID No.	SOP Index No.	Seal Type	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted
GRPTKG	63GTK-001		SUBPTG	YES	FLOWIND	THERMAL	TO_PROCESS	NO	NO
GRPTKG	63GTK-003		SUBTPG	YES	CARSEAL	THERMAL	TO_PROCESS	NO	NO
GRPTKG	63GTK-002		SUBPTG	YES	FLOWIND	FLARE	FLR		
GRPTKG	63GTK-004		SUBPTG	YES	CARSEAL	FLARE	FLR		
GRPTKG	63GTK-005		SUBPTG	YES	CARSEAL	FLARE	TEMPFLR		
~~GRPTKG~~	~~63GTK-006~~		~~SUBPTG~~	~~YES~~	~~CARSEAL~~	~~CADS~~	~~CAS~~	~~NO~~	~~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
4/21/2025	4671	RN111258877

Unit ID No.	Registration No.	PBR No.	Registration Date
TK_LOAD_FORM	176984	106.262	8/6/2024
TK_LOAD_WW	TBA	106.262	TBA

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
4/21/2025	4671	RN111258877

Unit ID No.	PBR No.	Version No./Date
None		

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
4/21/2025	4671	RN111258877

PBR No.	Version No./Date
None	

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
4/21/2025	4671	RN111258877

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TK_LOAD_FORM	106.262	176984	Emissions from loading will be calculated based on AP-42 Section 5.2 to determine compliance with PBR 106.4 emission limits.
TK_LOAD_WW	106.262	TBA	Emissions from loading will be calculated based on AP-42 Section 5.2 to determine compliance with PBR 106.4 emission limits.

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.
Rev. 04/21/2025	4671	RN111258877

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
FLR	R1111-001	NO	NO			
TEMPFLR	R1111-001	NO	NO			

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: TO_PROCESS		
Applicable Form: OP-UA6		
III. Applicable Regulatory Requirement		
Name: Chapter 112		
SOP/GOP Index No.: R200-001		
Pollutant: SO2		
Main Standard: 112.9(a)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: If annual performance test indicates for SO2 emissions greater than 440 ppmv.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Sulfur concentration	Minimum Frequency: Annual	
Averaging Period: N/A		
Periodic Monitoring Text: Conduct annual performance test for SO2 emissions per the requirements in 40 CFR 60.2125.		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0130		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-002		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN11258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0130		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-005		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-003		
Deviation Limit: Lack of pilot flame		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0130		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60KB-001		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0130		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60KB-001		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: If leaks are found using Method 21 (>500 ppm above background) or visual inspections and repairs are not made as soon as practicable.		
IV. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: VOC leak	Minimum Frequency: Annual	
Averaging Period: N/A		
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 63.148(b)(1)(ii).		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0130		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60KB-006		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: If leaks are found using Method 21 (>500 ppm above background) or visual inspections and repairs are not made as soon as practicable.		
IV. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: VOC leak	Minimum Frequency: Annual	
Averaging Period: N/A		
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 63.148(b)(1)(ii).		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0765		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-003		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN11258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-0765		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-006		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-003		
Deviation Limit: Lack of pilot flame		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-4500		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-003		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN11258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-4500		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-006		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-003		
Deviation Limit: Lack of pilot flame		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-4525		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-003		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: V-4525		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115		
SOP/GOP Index No.: R5112-006		
Pollutant: VOC		
Main Standard: 115.112(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-003		
Deviation Limit: Lack of pilot flame		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		

Texas Commission on Environmental Quality
Monitoring Requirements
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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: S-4600		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60KB-003		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: S-4600		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60KB-003		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: If leaks are found using Method 21 (>500 ppm above background) or visual inspections and repairs are not made as soon as practicable.		
IV. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: VOC leak	Minimum Frequency: Annual	
Averaging Period: N/A		
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 63.148(b)(1)(ii).		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: 4671	Project No.: 37007	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: S-4600		
Applicable Form: OPUA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60KB-007		
Pollutant: VOC		
Main Standard: 60.112b(a)(3)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: If leaks are found using Method 21 (>500 ppm above background) or visual inspections and repairs are not made as soon as practicable.		
IV. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: VOC leak	Minimum Frequency: Annual	
Averaging Period: N/A		
Periodic Monitoring Text: Conduct initial Method 21 monitoring of closed vent system per 63.148(b)(1)(i). Conduct annual visual inspections for visible, audible, or olfactory indications of leaks per 63.148(b)(1)(ii).		

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

Date: Rev. 4/21/2025	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

- 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>)	1
<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.</i> <i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i>	

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

Date: Rev. 4/21/2025	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): TO_PROCESS

SOP Index No.: 60CCCC-001

Pollutant: Cadmium, CO, Dioxins/Furans, Fugitive Ash, HCl, Lead, Mercury, NO_x, PM, SO₂

Applicable Requirement

Citation	Text Description
40 CFR 60.2190	Preconstruction Notification Requirements
40 CFR 60.2045(b) & 60.2050	Siting Analysis Requirements
40 CFR 60.2055-60.2065	Waste Management Plan (WMP) Requirements
40 CFR 60.2230(a), 40 CFR 60.7(a)	Notification of Date of Construction Requirements

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
40 CFR 60.2190	Preconstruction Notification development and submittal	Documentation not yet created
40 CFR 60.2045(b) & 60.2050	Siting analysis review and documentation	Documentation not yet created
40 CFR 60.2055-60.2065	Waste Management Plan (WMP) development	Documentation not yet created
40 CFR 60.2230(a), 40 CFR 60.7(a)	Notification of Date of Construction development and submittal	Documentation not yet created

3. Non-compliance Situation Description

The federal regulatory applicability review conducted as part of the initial Title V Operating Permit Application identified that the thermal oxidizer (TO_PROCESS) is subject to 40 CFR 60, New Source Performance Standards (NSPS) for New Commercial & Industrial Solid Waste Incinerator (CISWI) Units (NSPS CCCC). As a result, the pre-construction requirements described above were not met for the thermal oxidizer.

4. Corrective Action Plan Description

Roehm America, LLC is in the process of addressing each of these pre-construction requirements.

5. List of Activities/Milestones to Implement the Corrective Action Plan

Preconstruction Notification development and submittal, Siting Analysis development, WMP development, and Notification of Date of Construction development and submit development by 5/1/25.

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

Date: Rev. 4/21/2025	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, with deviation report.	

From: Alfredo Mendoza
Sent: Thursday, March 20, 2025 12:15 PM
To: stephen.brown@roehm.com
Subject: RE: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit 04671/project 37007

Mr. Brown,

One last item I forgot to add.

- Units MAINTVT and PRD were included on form OP-UA1 and OP-REQ3, however these emission units were not included on form OP-SUM. I made up some unit names so I could add them to our database so I could add them to the permit, however these units should have been included on form OP-SUM. Please add them to the OP-SUM and I will adjust the unit ID names and NSR Authorizations for these units in the New Source Review Authorization References by Emissions Unit table in the permit accordingly.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

From: Alfredo Mendoza
Sent: Thursday, March 20, 2025 12:08 PM
To: stephen.brown@roehm.com
Subject: Working Draft Permit - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007
Attachments: draft permit O4671.docx

Mr. Brown,

I have completed my review of the Title V initial issuance application for the Roehm America Bay City Site. I have attached a draft permit based on the application for your review. In addition, there are some technical deficiencies that are required to be addressed that will may affect the draft permit:

- Emission unit CAS was listed on form OP-SUM that indicated that this unit appears on form OP-UA15. However, this unit does not appear on the submitted form OP-UA15. If this unit does not have any state or federal applicable requirements other than the NSR authorization, then this unit should not be listed on OP-SUM. If this unit does have applicable requirements for regulations that appear on form OP-UA15, please submit the unit attributes on form OP-UA15 for emission unit CAS.
- The application indicates that there is one PBR at the site for emission unit TK_LOAD_WW. All permit applications submitted on or after August 1, 2020 require the submittal of form OP-PBRSUP (PBR Supplemental Tables) for all emission units authorized by PBRs. As this unit is authorized by PBR registration number 176984 for PBR 106.262, please submit Table A (Registered PBRs) and Table D (monitoring/recordkeeping for demonstrating compliance with the PBR) on form OP-PBRSUP for emission unit TK_LOAD_WW. The PBR Supplemental Tables are incorporated by reference in Special Term and Condition 14 which currently has a placeholder for the date of the tables as they have not been submitted.
- On form OP-UA7 page 1, SOP Index Number R1111-002 has the same unit attributes for unit FLR as SOP Index Number R1111-001. Different SOP Index numbers must have unique attributes for the same emission unit on the same table. I am not sure if this was a mistake, but the permit only has requirements for SOP Index Number R1111-001. If the SOP index number R1111-002 is not needed or if the attributes need to be corrected, please resubmit page 1 of the OP-UA7 to correct the attributes or SOP Index Numbers as appropriate.
- I did not enter the OP-REQ2 for MACT CC for emission units FLR and TEMPFLR. While it may be true that the flare does not have to comply with the MACT CC requirements until July 15, 2027 as noted in MACT F, the regulation is still applicable, and the MACT CC requirements appear in the permit based off the unit attributes provided. However, I did add a Special Term and Condition 1.G. that specifies that the permit holder shall comply with the MACT CC requirements upon the compliance date. I added similar language for the maintenance vents for MACT G. I did not add one for the pressure relief device (PRDs) subject to MACT H as the citations listed on form OP-REQ3 indicated that certain requirements were still applicable prior to the July 17, 2027 compliance date for pressure maintenance requirements. We can discuss that further if you believe that PRDs do not have to comply with the MACT H requirements until July 17, 2027.
- Additional periodic monitoring is required for the following emission units:
 - Emission TO_PROCESS requires periodic monitoring for 30 TAC Chapter 112, Sulfur Compounds as the citations listed in the Applicable Requirement

Summary table do not specify monitoring requirements to demonstrate compliance with the 400 ppmv SO₂ limit specified in 30 TAC §112.9(a). You may either submit a preapproved option from the periodic monitoring guidance document or submit a case-by-case monitoring requirement for review and approval on form OP-MON.

- Emission unit V-0130 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-002 and R5112-005 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-002 and flare for R5112-005) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.
- Emission unit V-0139 requires periodic monitoring requirements for 40 CFR Part 60, Subpart Kb as the citations listed in the Applicable Requirement Summary table do not specify monitoring requirements for the closed vent system and control device standard as listed in [G]§60.112b(a)(3) which has standards for both the closed vent system and the control device.
 - SOP Index Number 60KB-001 requires periodic monitoring for both the closed vent system and the thermal oxidizer. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059; and PM-V-007 for the thermal oxidizer. Or you can submit case-by-case monitoring for the closed vent system and control device.
 - SOP Index Number 60KB-006 already has 60.18 for the flare which requires continuous monitoring of the flare pilot flame. However, periodic monitoring is still required for closed vent system and control device. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059 or you may submit case-by-case monitoring for the closed vent system.
- Emission unit V-0765 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-003 and R5112-006 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-003 and flare for R5112-006) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.
- Emission unit V-4500 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-003 and R5112-006 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-003 and flare for R5112-006) should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.
- Emission unit V-4525 requires periodic monitoring requirements for 30 TAC Chapter 115, Storage of VOCs for SOP Index Numbers R5112-003 and R5112-006 as the citations in the Applicable Requirement Summary do not specify monitoring requirements to demonstrate compliance with 30 TAC § 115.112(c)(1). Appropriate monitoring for the control device used for each SOP Index Number (direct-flame incinerator for R5112-003 and flare for R5112-006)

- should be submitted either using preapproved option from the periodic monitoring guidance or submitting case-by-case monitoring requirements.
- Emission unit S-4600 requires periodic monitoring requirements for 40 CFR Part 60, Subpart Kb as the citations listed in the Applicable Requirement Summary table do not specify monitoring requirements for the closed vent system and control device standard as listed in [G]§60.112b(a)(3) which has standards for both the closed vent system and the control device.
 - SOP Index Number 60KB-003 requires periodic monitoring for both the closed vent system and the thermal oxidizer. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059; and PM-V-007 for the thermal oxidizer. Or you can submit case-by-case monitoring for the closed vent system and control device.
 - SOP Index Number 60KB-007 already has 60.18 for the flare which requires continuous monitoring of the flare pilot flame. However, periodic monitoring is still required for closed vent system and control device. Possible monitoring options from our guidance document for the closed vent system are PM-V-058 and PM-V-059 or you may submit case-by-case monitoring for the closed vent system.
 - Please note that I may have had to either truncate or rename some of the unit IDs and the unit ID names on the New Source Review Authorization References by Emissions Unit table. We have strict character limits noted on our OP-SUM form instructions as these are database limits and we enter this information into a database which is used to create the MS Word version of the permit. Similarly, I may have had to truncate some of the information on the Compliance Schedule attachment in the permit from the OP-ACPS.

Please submit any comments on the working draft permit and application updates to respond to the above deficiencies by **April 21, 2025**. I will ask for the application updates to be certified after I review them in case any additional information is needed. You may certify the application updates either by submitting a hard copy original OP-CRO1 or you can certify the updates via STEERS. If you have any questions regarding the deficiencies noted above or on the working draft permit, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

From: Brown, Stephen <Stephen.Brown@roehm.com>
Sent: Friday, December 27, 2024 7:43 AM
To: Alfredo Mendoza
Cc: Melissa Ryan; Gena Driscoll
Subject: Updated OP-ACPS - Roehm America, LLC
Attachments: 10100-OPACPS - 2024-1220.pdf

Mr. Mendoza,

Roehm America LLC submitted an initial Title V application for the Bay City Site in August 2024. The application has been assigned Permit No. 4671 and TCEQ Project No. 37007. At this time, Roehm is requesting an update to the information submitted on the OP-ACPS form. Please find attached an updated OP-ACPS form. This form is a replacement for the form submitted with the original application.

Regards,

Brady Brown, CSP
Site ESH Manager

Roehm America LLC
2001 Farm-To-Market 3057
Bay City, TX 77414

P +1-979-318-7238
M +1-539-240-6691

stephen.brown@roehm.com
www.roehm.com



Informationen gem. Art. 13/14 DSGVO zur Verarbeitung Ihrer personenbezogenen Daten finden Sie [hier](#)
Information about the processing of your personal data acc to art. 13/14 GDPR can be found [here](#)

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

Date: Rev. 12/20/2024	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

- 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>)	1
<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.</i> <i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i>	

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

Date: Rev. 12/20/2024	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): TO_PROCESS

SOP Index No.: 60CCCC-001

Pollutant: Cadmium, CO, Dioxins/Furans, Fugitive Ash, HCl, Lead, Mercury, NO_x, PM, SO₂

Applicable Requirement

Citation	Text Description
40 CFR 60.2190	Preconstruction Notification Requirements
40 CFR 60.2045(b) & 60.2050	Siting Analysis Requirements
40 CFR 60.2055-60.2065	Waste Management Plan (WMP) Requirements
40 CFR 60.2230(a), 40 CFR 60.7(a)	Notification of Date of Construction Requirements

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
40 CFR 60.2190	Preconstruction Notification development and submittal	Documentation not yet created
40 CFR 60.2045(b) & 60.2050	Siting analysis review and documentation	Documentation not yet created
40 CFR 60.2055-60.2065	Waste Management Plan (WMP) development	Documentation not yet created
40 CFR 60.2230(a), 40 CFR 60.7(a)	Notification of Date of Construction development and submittal	Documentation not yet created

3. Non-compliance Situation Description

The federal regulatory applicability review conducted as part of the initial Title V Operating Permit Application identified that the thermal oxidizer (TO_PROCESS) is subject to 40 CFR 60, New Source Performance Standards (NSPS) for New Commercial & Industrial Solid Waste Incinerator (CISWI) Units (NSPS CCCC). As a result, the pre-construction requirements described above were not met for the thermal oxidizer.

4. Corrective Action Plan Description

Roehm America, LLC is in the process of addressing each of these pre-construction requirements.

5. List of Activities/Milestones to Implement the Corrective Action Plan

Preconstruction Notification development and submittal, Siting Analysis development, WMP development, and Notification of Date of Construction development and submit development by 2/28/25.

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

Date: Rev. 12/20/2024	Regulated Entity No.: RN111258877	Permit No.: 4671
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, starting 1 st Quarter 2025.	

From: Alfredo Mendoza
Sent: Friday, October 11, 2024 4:30 PM
To: stephen.brown@roehm.com
Subject: Technical Review - Roehm America LLC, Roehm America Bay City Site, permit O4671/project 37007

Mr. Brown,

I have been assigned to review the Title V initial issuance application submitted for the Roehm America LLC, Roehm America Bay City Site. This permit application has been assigned project number 37007.

I will begin my technical review of the application within the next 1-2 weeks. If there is any additional information I need to complete my review, I will convey that information as soon as possible. If you have any questions regarding the review process, please let me know.

Thanks,

Alfredo Mendoza, P.E.
Technical Specialist
TCEQ Air Permits Division
Operating Permits Section
ph: (512) 239-1335
alfredo.mendoza@tceq.texas.gov

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

From: eNotice TCEQ
Sent: Friday, August 16, 2024 6:56 PM
To: joan.huffman@senate.texas.gov; Geanie.morrison@house.texas.gov
Subject: TCEQ Notice - Permit Number O4671
Attachments: TCEQ Notice - O4671_37007.pdf

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

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

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 16, 2024

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

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 37007
Permit Number: O4671
Roehm America LLC
Roehm America Bay City Site
Bay City, Matagorda County
Regulated Entity Number: RN111258877
Customer Reference Number: CN605887744

Dear Senator Huffman:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.018889,28.859444&level=13>.

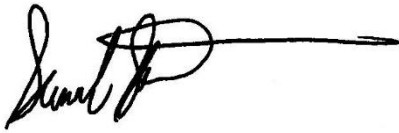
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment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

The Honorable Joan Huffman
Page 2
August 16, 2024

Re: Accepted Federal Operating Permit Initial Issuance Application

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

Sincerely,

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 16, 2024

THE HONORABLE GEANIE W MORRISON
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 37007
Permit Number: O4671
Roehm America LLC
Roehm America Bay City Site
Bay City, Matagorda County
Regulated Entity Number: RN111258877
Customer Reference Number: CN605887744

Dear Representative Morrison:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.018889,28.859444&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

From: Johnny Bowers
Sent: Monday, August 12, 2024 7:23 AM
To: Miguel Gallegos
Subject: FW: STEERS Title V Application Submittal (New Application)

Please process. Thanks!

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

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Friday, August 9, 2024 4:10 PM
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-N application has been successfully submitted by Alan Brewer. The submittal was received at 08/09/2024 04:10 PM.

The Reference number for this submittal is 673670

The confirmation number for this submittal is 556392.

The Area ID for this submittal is 4671.

The Project ID for this submittal is 37007.

The hash code for this submittal is 7A6ACB1C9C49633CBD8CC5D2442C0623744CBAFC2C8DE889B12EF3057C24B4F5.

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

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

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	☐ YES ☒ NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>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

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso.
	☐ YES ☒ NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.
	☐ YES ☒ NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.
	☐ YES ☒ NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.
	☐ YES ☒ NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆	a. The application area is subject to 30 TAC § 111.143.
	☐ 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.
	☐ YES ☒ NO
	<i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.
	☐ YES ☐ NO

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	☐ YES ☒ NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <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

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. ☐ YES ☒ NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. ☐ YES ☒ NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. ☐ YES ☒ NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
A. Temporary Fuel Shortage Plan Requirements	
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. ☐ YES ☒ NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <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

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

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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 covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	☐ YES ☐ NO

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	☐ 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

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Form OP-REQ1: Page 8	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)	
◆ 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	☐ YES ☐ NO ☒ N/A
◆ 3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	☐ YES ☒ NO ☐ N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <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 Question 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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
H. Control Of Reid Vapor Pressure (RVP) of Gasoline	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	☐ 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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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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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 "NO," 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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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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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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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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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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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ YES ☒ NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	☐ YES ☒ NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	☐ YES ☐ NO
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ YES ☒ NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ YES ☐ NO
E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	☐ YES ☒ NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	☐ YES ☐ NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	☒ YES ☐ NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants		
1.	The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	☐ YES ☒ NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	☐ YES ☐ NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	☐ YES ☐ NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	☐ YES ☐ NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ YES ☐ NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</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.D.</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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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 "NO" 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	
<i>Applicability</i>	
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
<i>Roadway Construction</i>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ YES ☐ NO
<i>Manufacturing Commercial Asbestos</i>	
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)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	☐ YES ☐ NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ YES ☐ NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	☐ YES ☐ NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	☐ YES ☐ NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	☐ YES ☐ NO
11. The application area transfers waste off-site for treatment by another facility.	☐ YES ☐ NO
12. The application area is complying with 40 CFR § 61.342(d).	☐ YES ☐ NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	☐ YES ☐ NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ YES ☐ NO

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	☐ YES ☐ NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	☐ YES ☐ NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ YES ☐ NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ YES ☐ NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</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)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	☐ YES ☐ NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ YES ☐ NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ YES ☐ NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ YES ☐ NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	☐ YES ☒ NO ☐ N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☐ YES ☐ NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	☐ YES ☐ NO
12. VOHAP concentration is determined by direct measurement.	☐ YES ☐ NO
13. VOHAP concentration is based on knowledge of the off-site material.	☐ YES ☐ NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	☐ YES ☐ NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☐ YES ☐ NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ YES ☐ NO
17. The application area includes containers that manage non-exempt off-site material.	☐ YES ☐ NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i> <i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i>	☐ YES ☐ NO
◆	6. The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i>	☐ YES ☐ NO
◆	7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	☐ YES ☐ NO
◆	8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	☐ YES ☐ NO
◆	9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐ YES ☐ NO

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ YES ☐ NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ YES ☐ NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	☐ YES ☐ NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ YES ☐ NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ YES ☐ NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	☐ YES ☐ NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	☐ YES ☐ NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ YES ☐ NO
20. The application area includes an ethylene production process unit.	☐ YES ☒ NO ☐ N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	☐ YES ☒ NO ☐ N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	☐ YES ☐ NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	☐ YES ☐ NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	☐ YES ☐ NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	☐ YES ☐ NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	☐ YES ☐ NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ YES ☐ NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	☐ YES ☐ NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	☐ YES ☐ NO

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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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ YES ☐ NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ YES ☐ NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	☐ YES ☒ NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ YES ☐ NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	☐ YES ☒ NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	☐ YES ☐ NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	☐ YES ☐ NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	☐ YES ☐ NO

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	☐ YES ☐ NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	☐ YES ☐ NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	☐ YES ☐ NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</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.AA.9 is "NO," go to Question VIII.AA.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.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</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)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	☐ YES ☐ NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	☐ YES ☐ NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	☐ YES ☐ NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	☐ YES ☐ NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ YES ☐ NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ YES ☐ NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	☐ YES ☐ NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ YES ☐ NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ YES ☐ NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	☐ YES ☐ NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	☐ YES ☐ NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	☐ YES ☐ NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	☐ YES ☐ NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	☐ YES ☐ NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	☐ YES ☒ NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	☐ YES ☒ NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	☐ YES ☐ NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	☐ YES ☐ NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	☐ YES ☐ NO
5. The site remediation will be completed within 30 consecutive calendar days.	☐ YES ☐ NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	☐ YES ☐ NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ YES ☐ NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 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)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	☐ YES ☐ NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ YES ☐ NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ YES ☐ NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ YES ☐ NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ YES ☐ NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ YES ☐ NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <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

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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	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	☐ YES ☒ NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ YES ☐ NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ YES ☐ NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	☐ YES ☐ NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐ YES ☐ NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	☐ YES ☐ NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	☐ YES ☐ NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ YES ☐ NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	☐ YES ☐ NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ YES ☐ NO

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

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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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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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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	☒ YES ☐ NO ☐ N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. 40 CFR 60 CCCC	
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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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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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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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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XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	☐ YES ☒ NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ YES ☒ NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	☐ YES ☒ NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	☐ YES ☒ NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	☒ YES ☐ NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <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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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. GRPTOPVHDR, GRPFLPVHDR , FLRFOPVHDR	
◆	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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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

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 85		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <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

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 86		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	☐ YES ☒ NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <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

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.: PSDTX1596	Issuance Date: 04/09/2024	Pollutant(s): VOC, NOX, CO, PM2.5	
PSD Permit No.: GHGPSDTX208	Issuance Date: 04/09/2024	Pollutant(s): GHG	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.: 165103	Issuance Date: 04/09/2024	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

I. Identifying Information
Account No.:
RN: RN111258877
CN: CN605887744
Permit No.: TBA
Area Name: Roehm America Bay City Site
Company Name: Roehm America, LLC
II. Duly Authorized Representative Information
Action Type: ☒ New DAR Identification ☐ Administrative Information Change
Conventional Title: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Name (on driver's license): Stephen Brady Brown
Title: Senior ESH Manager
Delegation Effective Date: 8/9/2024
Telephone No.: 539-240-6691
Fax No.:
Company Name: Roehm America, LLC
Mailing Address: 2001 FM 3057
City: Bay City
State: TX
ZIP Code: 77412
Email Address: stephen.brown@roehm.com

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

III. Certification of Truth, Accuracy, and Completeness

I, Alan Brewer, certify that, based on

(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)

information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. *(RO signature required for New DAR Identification only; DAR signature required for any Action Type)*

Responsible Official Signature:  Date: 8/9/2024

Duly Authorized Representative Signature: _____ Date: _____

IV. Removal of Duly Authorized Representative(s)

The following should be removed as Duly Authorized Representative(s):

Effective Date: _____

(Name(s) printed or typed)

Responsible Official Signature: _____ Date: _____

**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: Roehm America, LLC
B. Customer Reference Number (CN): CN605887744
C. Submittal Date (mm/dd/yyyy): 08/08/2024
II. Site Information
A. Site Name: Roehm America Bay City Site
B. Regulated Entity Reference Number (RN): RN111258877
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: Alan Brewer
RO Title: Site Development Leader and LiMA Project Controller
Employer Name: Roehm America, LLC
Mailing Address: 2001 Farm-To-Market 3057
City: Bay City
State: Texas
ZIP Code: 77414
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 404-907-6403
Fax No.:
Email: alan.brewer@roehm.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: Stephen Brown
Technical Contact Title: Senior ESH Manager
Employer Name: Roehm America, LLC
Mailing Address: 2001 FM 3057
City: Bay City
State: Texas
ZIP Code: 77412
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 539-240-6691
Fax No.:
Email: Stephen.brown@roehm.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Joan Huffman, District 17
B. State Representative: Geanie W. Morrison, District 30
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: Roehm America Bay City Site
B. Physical Address: 2001 Farm-To-Market 3057
City: Bay City
State: Texas
ZIP Code: 77414
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 (<i>continued</i>)
G. Latitude (nearest second): 28° 51' 34"
H. Longitude (nearest second): 96° 1' 8"
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: 50
K. Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Bay City Public Library
B. Physical Address: 1100 7 th Street
City: Bay City
ZIP Code: 77414
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: Stephen Brown
Contact Mailing Address: 2001 Farm-To-Market 3057
City: Bay City
State: Texas
ZIP Code: 77412
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 539-240-6691

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program
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:

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ROEHM AMERICA BAY CITY SITE
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2001 FM 3057
City	BAY CITY
State	TX
ZIP	77414
County	MATAGORDA
Latitude (N) (##.#####)	28.859444
Longitude (W) (-###.#####)	-96.018889
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN111258877
What is the name of the Regulated Entity (RE)?	ROEHM AMERICA BAY CITY SITE
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2001 FM 3057
City	BAY CITY
State	TX
ZIP	77414
County	MATAGORDA
Latitude (N) (##.#####)	28.859444
Longitude (W) (-###.#####)	-96.018889
Facility NAICS Code	325199
What is the primary business of this entity?	MANUFACTURE OF METHYL METHACRYLATE MONOMER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605887744
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Roehm America LLC
Texas SOS Filing Number	804057288
Federal Tax ID	320252469
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Roehm America LLC
Prefix	MR
First	Alan
Middle	
Last	Brewer
Suffix	
Credentials	
Title	Site Development Leader and LiMA Project Controller
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2001 FM 3057
Routing (such as Mail Code, Dept., or Attn:)	
City	BAY CITY
State	TX
ZIP	77414
Phone (###-###-####)	4049076403
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	alan.brewer@roehm.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?	Responsible Official Contact
Organization Name	Roehm America LLC
Prefix	MR
First	Stephen
Middle	
Last	Brown
Suffix	
Credentials	CSP
Title	Senior ESH Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2001 FM 3057
Routing (such as Mail Code, Dept., or Attn:)	
City	BAY CITY
State	TX
Zip	77414
Phone (###-###-####)	5392406691
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	stephen.brown@roehm.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Roehm America LLC
Prefix	MR
First	Stephen
Middle	
Last	Brown
Suffix	
Credentials	
Title	Senior ESH Manager
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2001 FM 3057
Routing (such as Mail Code, Dept., or Attn:)	
City	BAY CITY
State	TX
ZIP	77414
Phone (###-###-####)	5392406691
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	stephen.brown@roehm.com

Title V General Information - New

1) Permit Latitude Coordinate:	28 Deg 51 Min 34 Sec
2) Permit Longitude Coordinate:	96 Deg 1 Min 8 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Full
3.3. Is this application for a portable facility?	No
3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
4) Who will electronically sign this Title V application?	Duly Authorized Representative
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)	
[File Properties]	
File Name	OP_1_SOP Initial Application 08-09-2024.pdf
Hash	2E9EBFB8BB6C3183DBC364B34AB23DDAAECA4CB56AE05DBD45801FBD4E820E8E
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)
- Attach OP-REQ3 (Applicable Requirements Summary)
- Attach OP-PBRSUP (Permits by Rule Supplemental Table)
- Attach OP-SUM (Individual Unit Summary)
- Attach OP-MON (Monitoring Requirements)
- Attach OP-UA (Unit Attribute) Forms
- 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.
- 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 Stephen B Brown, the owner of the STEERS account ER099289.
 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 New.
 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: Stephen B Brown OWNER OPERATOR

Account Number:	ER099289
Signature IP Address:	165.225.33.92
Signature Date:	2024-08-09
Signature Hash:	7699AD6F155AF4F1BDAAEA9F9C0F163374DE78B6D29A2E04F6EAC8641C35A5F1

Form Hash Code at time of
Signature:

7A6ACB1C9C49633CBD8CC5D2442C0623744CBAFC2C8DE889B12EF3057C24B4F5

Submission

Reference Number:	The application reference number is 673670
Submitted by:	The application was submitted by ER099289/Stephen B Brown
Submitted Timestamp:	The application was submitted on 2024-08-09 at 16:10:12 CDT
Submitted From:	The application was submitted from IP address 165.225.33.92
Confirmation Number:	The confirmation number is 556392
Steers Version:	The STEERS version is 6.80

Additional Information

Application Creator: This account was created by Melissa Ryan

INITIAL TITLE V APPLICATION
Site Operating Permit

RÖHM

Röhm America LLC
Bay City, Matagorda County, TX
RN111258877
CN605887744

TRINITY CONSULTANTS

August 2024

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8. APPLICABLE REQUIREMENTS SUMMARY FORMS	8-1

1. PROJECT INFORMATION

In December 2021, Roehm America, LLC (Röhm) was authorized, under permits 165103 ("the permit"), PSDTX1596 and GHGPSDTX208, to construct a Methyl Methacrylate (MMA) production facility in Bay City, Texas, which includes a formaldehyde production unit (Bay City Facility). With this application, Röhm is applying for an initial Site Operating Permit (SOP) of the MMA production facility. Röhm is registered under Texas Commission on Environmental Quality (TCEQ) Customer Number CN605887744 and the Bay City Facility is registered under Regulated Entity Number RN111258877.

The Bay City Facility is a federal and Texas Clean Air Act Title V major source (with a potential to emit (PTE) of greater than 100 tons per year (tpy) for at least one regulated New Source Review (NSR) pollutant). Röhm is submitting this Title V application prior to the start of operation in accordance with 30 TAC 122.130(b)(1).

The required supporting documentation for the site operating permit (SOP) application is provided in this application. The area map and plot plan are included in Sections 2 and 3 of this application. A process description and process flow diagram are provided in Sections 4 and 5. Sections 6-8 include all required TCEQ forms.

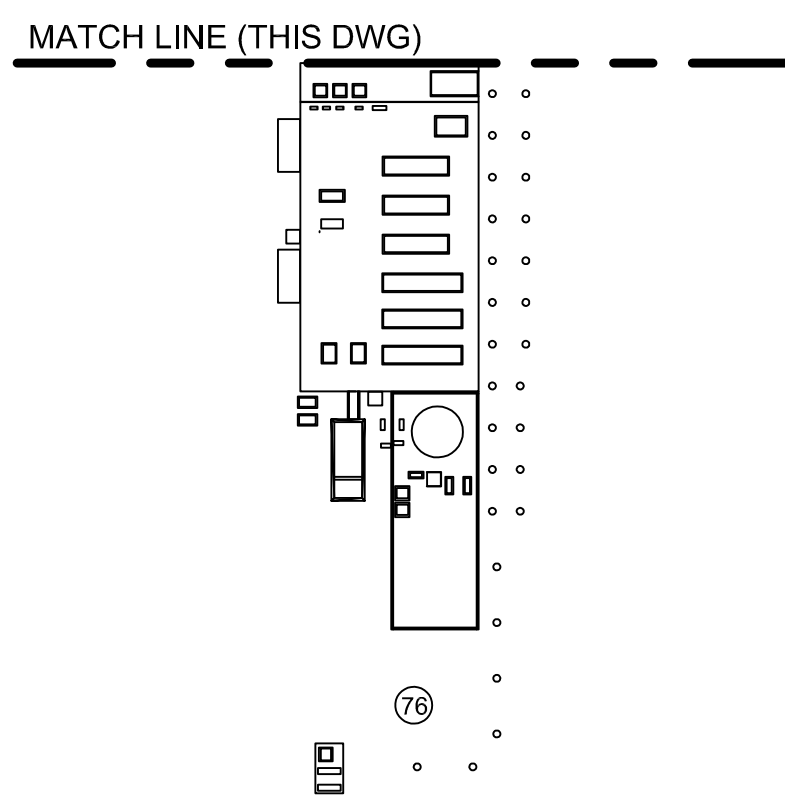
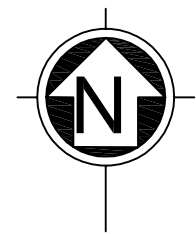
2. AREA MAP

An area map is included as Figure 2-1.



3. PLOT PLAN

A plot plan is included as Figure 3-1.



WORK SAFELY

UNLESS OTHERWISE AGREED IN A WRITTEN CONTRACT BETWEEN WOOD AND ITS CLIENT, THIS DOCUMENT (IF IT CONTAINS INFORMATION, DATA AND DESIGN THAT IS CONFIDENTIAL AND MAY NOT BE COPIED OR DISCLOSED) AND (II) MAY BE USED BY THE CLIENT ONLY IN THE CONTEXT AND FOR THE EXPRESS PURPOSE FOR WHICH IT WAS INTENDED, ANY USE OF, OR RELIANCE ON, THIS DOCUMENT BY ANY THIRD PARTY IS AT THAT PARTY'S SOLE RISK.										DATE PREPARED 10/2021			W.O. NO.		LOCATION -		LIMA OVERALL PLOT PLAN			
STATUS			-	-	-	-	-	-	-	APPROVED	DDMMYYYY	UNIT								
CPM	DM	PM	-	-	-	-	-	-	-	MLHD	-									
SID IRBY	TODD SISTI	DAVID HOLLAND	-	-	-	-	-	-	-	DRAWN	PGR									
PROJECT PHASE			-	-	-	-	-	-	-	DATE	30 SEP 2021									
INFORMATION			-	-	-	-	-	-	-	CHKD	MLH									
			-	-	-	-	-	-	-	DATE	12 OCT 2021									
			-	-	-	-	-	-	-	SCALE	1"=50'-0"									
			0	15JUN23	ISSUED FOR INFORMATION				RLL	MH	TS									
			B	30JUN22	ISSUED FOR INFORMATION				DSP	GMA	TSR									
			A	22OCT21	ISSUED FOR APPROVAL				BPN	GMA	TSR									
			REV	DATE	REVISION / ISSUE DESCRIPTION				DRN	CHK	APP									
STAMP/SEAL													PROJ/CAR 249721		W.O. NO. -		DRAWING NO. 900-FLD-0000-PIP-PLP-001		SHT 1	REV 0

ARCH D-24x36

4. PROCESS DESCRIPTION

MMA is produced in a three-step process.

First, feedstock aqueous formaldehyde ("formalin") is produced via oxidation of methanol (MeOH, received by pipeline) in a formaldehyde unit constructed within the MMA production facility. Formalin is stored and either used downstream in the methacrolein (MAL) unit or alternatively may be loaded into trucks and sold to external customers.

Second, methacrolein (MAL) is produced via a condensation reaction of propionaldehyde and formaldehyde. Feedstock propionaldehyde is received by pipeline. MAL is not stored as it is piped directly to the MMA unit where it is consumed in the reaction as it is produced.

Finally, MAL is converted to MMA in a catalytic air oxidation reaction with methanol. Feedstock methanol is received by pipeline.

The formalin process unit includes a product recovery section, while the MAL and MMA process units include distillation and product recovery sections for work-up of crude intermediates and products into finished materials.

Storage vessels are used to store MMA, formalin, and other process reagents (acetic acid, sulfuric acid, caustic, and amine) and organic and aqueous liquids (distillation bottoms or "heavy ends" and process wastewater).

Process vent gas streams generated by the above production operations, truck unloading and loading operations, and storage tanks are controlled by the process thermal oxidizer (TO), which also combusts liquid fuels, non-hazardous secondary materials and wastewaters generated in the process. The TO recovers waste heat in the form of steam.

The plant flare system will control intermittent vent gas streams and will also serve as back-up to the process thermal oxidizer.

Other sources of emissions at the plant include a cooling tower, equipment leak fugitives, two natural gas boilers, and emergency generator and planned MSS activities. Barge and railcar loading operations are conducted by a third-party service provider (located at a different site within the Bay City complex).

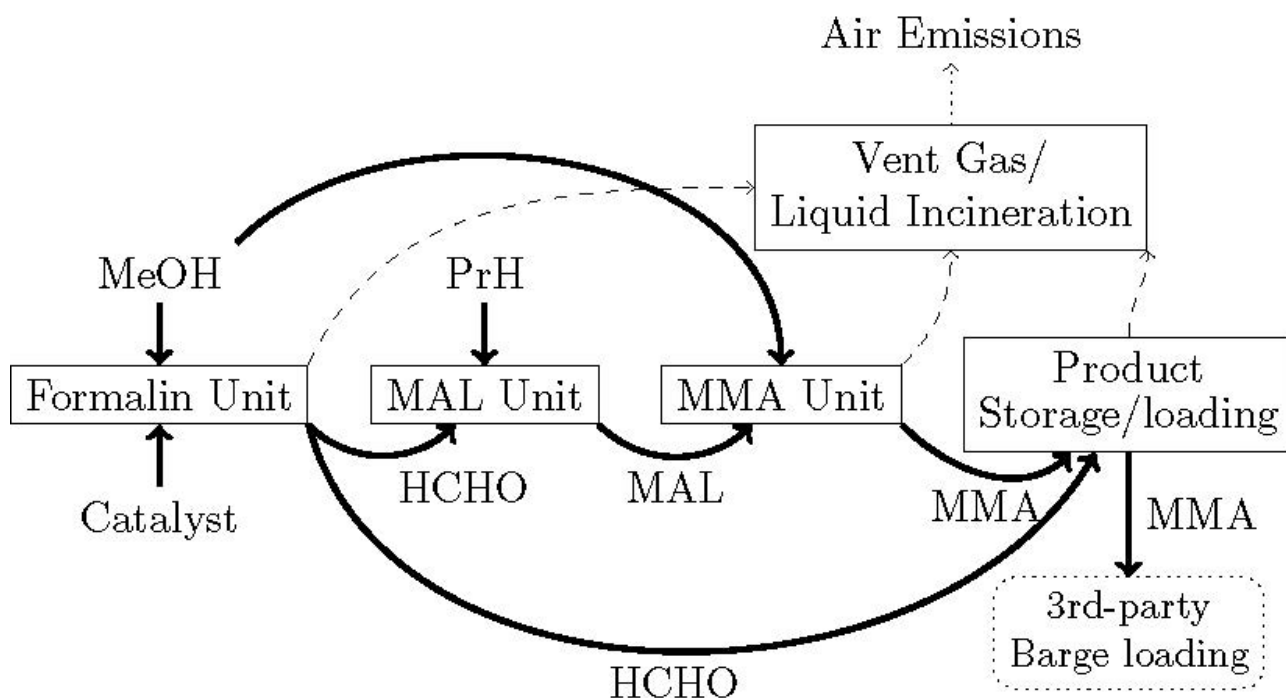
Process steam not generated by the thermal oxidizer will be supplied from the boilers. Wastewater may be sent (via hard-piped conveyances) to an off-site wastewater treatment unit and/or sent to a permitted underground injection control (UIC) well or to the process thermal oxidizer (TO) for combustion.

The permit covers both routine and maintenance, startup, and shutdown (MSS) operations.

5. PROCESS FLOW DIAGRAM

The process flow diagram for the MMA production facility is included in Figure 5-1.¹

Figure 5-1— Simplified Block Flow Diagram



¹ Abbreviations used in the block flow diagram are as follows: MeOH = methanol; HCHO = formaldehyde; PrH = propionaldehyde; MAL = methacrolein; MMA = methyl methacrylate.

6. ADMINISTRATIVE FORMS

This section contains the following forms and information:

- ▶ OP-1 – Site Information Summary
- ▶ OP-SUM – Individual Unit Summary
- ▶ Major NSR Summary Table (TCEQ Form 20648)
- ▶ OP-ACPS – Application Compliance Plan and Schedule
- ▶ Public Involvement Plan (TCEQ Form 20960)

**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: Roehm America, LLC
B. Customer Reference Number (CN): CN605887744
C. Submittal Date (mm/dd/yyyy): 08/08/2024
II. Site Information
A. Site Name: Roehm America Bay City Site
B. Regulated Entity Reference Number (RN): RN111258877
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: Alan Brewer
RO Title: Site Development Leader and LiMA Project Controller
Employer Name: Roehm America, LLC
Mailing Address: 2001 Farm-To-Market 3057
City: Bay City
State: Texas
ZIP Code: 77414
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 404-907-6403
Fax No.:
Email: alan.brewer@roehm.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: Stephen Brown
Technical Contact Title: Senior ESH Manager
Employer Name: Roehm America, LLC
Mailing Address: 2001 FM 3057
City: Bay City
State: Texas
ZIP Code: 77412
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 539-240-6691
Fax No.:
Email: Stephen.brown@roehm.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Joan Huffman, District 17
B. State Representative: Geanie W. Morrison, District 30
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: Roehm America Bay City Site
B. Physical Address: 2001 Farm-To-Market 3057
City: Bay City
State: Texas
ZIP Code: 77414
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 (<i>continued</i>)
G. Latitude (nearest second): 28° 51' 34"
H. Longitude (nearest second): 96° 1' 8"
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: 50
K. Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Bay City Public Library
B. Physical Address: 1100 7 th Street
City: Bay City
ZIP Code: 77414
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: Stephen Brown
Contact Mailing Address: 2001 Farm-To-Market 3057
City: Bay City
State: Texas
ZIP Code: 77412
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 539-240-6691

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program
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:

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

I. Identifying Information
Account No.:
RN: RN111258877
CN: CN605887744
Permit No.: TBA
Area Name: Roehm America Bay City Site
Company Name: Roehm America, LLC
II. Duly Authorized Representative Information
Action Type: ☒ New DAR Identification ☐ Administrative Information Change
Conventional Title: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Name (on driver's license): Stephen Brady Brown
Title: Senior ESH Manager
Delegation Effective Date: 8/9/2024
Telephone No.: 539-240-6691
Fax No.:
Company Name: Roehm America, LLC
Mailing Address: 2001 FM 3057
City: Bay City
State: TX
ZIP Code: 77412
Email Address: stephen.brown@roehm.com

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

III. Certification of Truth, Accuracy, and Completeness

I, Alan Brewer, certify that, based on

(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)

information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. *(RO signature required for New DAR Identification only; DAR signature required for any Action Type)*

Responsible Official Signature:  Date: 8/9/2024

Duly Authorized Representative Signature: _____ Date: _____

IV. Removal of Duly Authorized Representative(s)

The following should be removed as Duly Authorized Representative(s):

Effective Date: _____

(Name(s) printed or typed)

Responsible Official Signature: _____ Date: _____

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
[Table 1](#)

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
EGEN1	OPUA2	Emergency Generator 1		165103	PSDTX1596, GHGPSDTX208	
S-8100	OPUA3	FO Plant Storage Tank I		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-8110	OPUA3	FO Plant Storage Tank II		165103	PSDTX1596, GHGPSDTX208	GRPTKG
V-0130	OPUA3	40 Wt% DMA Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-0120	OPUA3	80 Wt% AcOH Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-1550	OPUA3	Raw MMA Storage Tank		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-3300	OPUA3	Finished MMA Intermediate Day Tank		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-7000	OPUA3	MMA Remote Storage Tank I		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-7010	OPUA3	MMA Remote Storage Tank II		165103	PSDTX1596, GHGPSDTX208	GRPTKG
S-7005	OPUA3	MMA Remote Storage Tank III		165103	PSDTX1596, GHGPSDTX208	GRPTKG
DIESGENTK	OPUA3	Generator Diesel Storage Tank		165103	PSDTX1596, GHGPSDTX208	

OILTKS	OPUA3	Compressor/Chiller Oil Storage Tanks		165103	PSDTX1596, GHGPSDTX208	
V-0765	OPUA3	Spent Catalyst Rec Sys Recovered Aqueous Collection Vessel		165103	PSDTX1596, GHGPSDTX208	
V-3510	OPUA3	LiMA Plant Slop Tank		165103	PSDTX1596, GHGPSDTX208	
V-4500	OPUA3	Organic Waste Storage Tank		165103	PSDTX1596, GHGPSDTX208	
V-4525	OPUA3	Contaminated Organic Waste Storage Tank		165103	PSDTX1596, GHGPSDTX208	
S-4600	OPUA3	MAL Wastewater Storage Tank		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_MMA	OPUA4	Truck Loading of MMA		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_FORM	OPUA4	Truck Loading of Formalin		165103	PSDTX1596, GHGPSDTX208	
TK_UNLD_DMA	OPUA4	Truck Unloading of DMA		165103	PSDTX1596, GHGPSDTX208	
TK_UNLD_ACETIC	OPUA4	Truck Unloading of Acetic Acid		165103	PSDTX1596, GHGPSDTX208	
TK_LOAD_WW	OPUA4	Truck Loading of Wastewater		106.262		
TO_PROCESS	OPUA6, OPUA15, OPUA35	Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	
Z-4810	OPUA6, OPUA15	Boiler 1		165103	PSDTX1596, GHGPSDTX208	
Z-4820	OPUA6, OPUA15	Boiler 2		165103	PSDTX1596, GHGPSDTX208	
FLR	OPUA7	Plant Flare System		165103	PSDTX1596, GHGPSDTX208	
TEMPFLR	OPUA7	Temporary Flare used for MSS Activities		165103	PSDTX1596, GHGPSDTX208	
CAS	OPUA15	Carbon Adsorption System used for MSS Activities		165103	PSDTX1596, GHGPSDTX208	

TCEQ 10007 (APDG 5837v9, Revised 05/20) OP-SUM

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

FUG	OPUA12	Equipment Leak Fugitives		165103	PSDTX1596, GHGPSDTX208	
CTW	OPUA13, OPUA15	Cooling Tower		165103	PSDTX1596, GHGPSDTX208	
TO-PVHDR-FO	OPUA15	Formalin Process Vents in Header to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-STHDR-DMA	OPUA15	DMA Storage Tank Vent in Header to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-PVHDR-V-9610	OPUA15	DOE High Press. Low O2 Containing Offgas V/L Separator Process Vents to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-PVHDR-V-9615	OPUA15	Low Oxygen-Containing Offgas Knockout Drum Process Vents to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
TO-PVHDRV-9620	OPUA15	MAL & MMA O2 Containing Offgas V/L Separator Process Vents to Process Thermal Oxidizer		165103	PSDTX1596, GHGPSDTX208	GRPTOPVHDR
FLR-PVHDR-V-9610	OPUA15	DOE High Press. Low O2 Containing Offgas V/L Separator Process Vents to Plant Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FLR-PVHDR-V-96152	OPUA15	Low Oxygen-Containing Offgas Knockout Drum Process Vents to Plant Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR

FLR-PVHDR-V-9620	OPUA15	MAL & MMA O2 Containing Offgas V/L Separator Process Vents to Plant Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FLR-PRDHDR-V-9707		Pressure Relief Device (PRD) Emergency Relief Header to Plant Flare System		165103	PSDTX1596, GHGPSDTX208	GRPFLPVHDR
FLR-STHDR-DMA		DMA Storage Tank Vent in Header to Plant Flare		165103	PSDTX1596, GHGPSDTX20	GRPFLPVHDR
FLRFOPVHDR	OPUA15	Process Vents in Header to Plant Flare for Formalin		165103	PSDTX1596, GHGPSDTX208	
TFLRPVHDR	OPUA15	Process Vents in Header to Temporary Flare		165103	PSDTX1596, GHGPSDTX208	
CASPVHDR	OPUA15	Process Vents in Header to Carbon Adsorption System		165103	PSDTX1596, GHGPSDTX208	
MMA_CMPU	OPUA60	MMA CMPU		165103	PSDTX1596, GHGPSDTX208	
FORM_CMPU	OPUA60	Formalin CMPU		165103	PSDTX1596, GHGPSDTX208	
DISTILPV	OPREQ2	Distillation Continuous Process Vents		165103	PSDTX1596, GHGPSDTX208	
AIROXPV	OPREQ2	Air Oxidation Continuous Process Vents		165103	PSDTX1596, GHGPSDTX208	
REACTPV	OPREQ2	Reactor Continuous Process Vents		165103	PSDTX1596, GHGPSDTX208	
INCINTREAT	OPUA58	HON wastewater treatment by incineration		165103	PSDTX1596, GHGPSDTX208	
RCRATREAT	OPUA58	HON wastewater treatment by RCRA		165103	PSDTX1596, GHGPSDTX208	

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: 4/9/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
BLR1	Boiler 1	NOX	2.75	-	3, 5, 6, 23, 24, 25	3, 5, 6, 23, 24, 25, 40	3, 5, 23, 25
		NOX Non-routine (6)	6.77	-			
		CO	13.74	-			
		NH3	0.84	-			
		SO2	2.7	-			
		PM10	1.38	-			
		PM2.5	1.38	-			
		VOC	0.99	-			
BLR2	Boiler 2	NOX	2.75	-	3, 5, 6, 23, 24, 25	3, 5, 6, 23, 24, 25, 40	3, 5, 23, 25
		NOX Non-routine (6)	6.77	-			
		CO	13.74	-			
		NH3	0.84	-			
		SO2	2.7	-			
		PM10	1.38	-			
		PM2.5	1.38	-			
		VOC	0.99	-			
BLR_CAP	Boiler 1 and Boiler 2	NOX	-	19.24	3, 5, 6, 23, 24, 25	3, 5, 6, 23, 24, 25, 40	3, 5, 23, 25
		CO	-	48.14			
		NH3	-	5.86			
		SO2	-	18.86			
		PM10	-	9.62			
		PM2.5	-	9.62			
		VOC	-	6.93			
TO_PROCESS	Process Thermal Oxidizer	VOC	9.51	41.65			

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: 4/9/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
		NOX	16.51	72.28	3, 5, 7, 10, 23, 24, 25, 34	3, 5, 7, 10, 23, 24, 25, 40	3, 5, 23, 25
		CO	20.63	22.89			
		PM	2.50	10.91			
		PM10	2.50	10.91			
		PM2.5	2.50	10.91			
		SO2	1.80	7.87			
		NH3	2.51	5.55			
FLR	Plant Flare System	VOC	44.51	55.63	3, 5, 8, 10, 34	3, 5, 8, 10, 40	3, 5
		NOX	33.64	42.05			
		CO	173.26	216.58			
		SO2	6.62	8.28			
TK_LOAD1	Truck Loading Rack 1 (loading fugitives)	VOC	1.04	0.24	5, 16, 18	5, 15, 40	5
S-0150	Tank S-0150	IOC-U	0.01	0.01		14, 40	
S-0160	Tank S-0160	H2SO4	0.01	0.01		14, 40	
CTW	Cooling Tower	VOC	50.41	22.08	5, 11, 12	5, 11, 12, 40	5
		PM	3.01	13.16			
		PM10	0.47	2.02			
		PM2.5	0.01	0.02			
EGEN1	Emergency Generator 1	VOC	35.28	1.77	3, 5, 19	3, 5, 19, 40	3, 5
		NOX	35.28	1.77			
		CO	19.30	0.97			
		SO2	0.04	0.01			
		PM	1.11	0.06			
		PM10	1.11	0.06			
		PM2.5	1.11	0.06			

Major NSR Summary Table

Permit Numbers: 165103, PSDTX1596, and GHGPSDTX208					Issuance Date: 4/9/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
FUG	Equipment Leak Fugitives (5)	VOC	1.55	6.76	3, 5, 20, 21, 22	3, 5, 20, 21, 22, 40	3, 5, 20
		NH ₃	0.09	0.38			
MSS1	Maintenance, Startup, Shutdown Activities	VOC	4.02	0.08	5, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35	5, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 40	5
		H ₂ SO ₄	0.02	0.01			
		PM	0.37	0.01			
		PM ₁₀	0.18	0.01			
		PM _{2.5}	0.03	0.01			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3)
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - IOC-U - inorganic compounds (unspeciated)
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
 - H₂SO₄ - sulfuric acid
 - NH₃ - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission rate applicable only if SCR is installed to meet NO_x limits.

Major NSR Summary Table

Permit Numbers: GHGPSDTX208				Issuance Date: 12/16/2021		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
TO_PROCESS	Process Thermal Oxidizer	CO ₂ e	189,265.07	37	36, 37, 39, 40	
FLR	Plant Flare System	CO ₂ e	92,031.98	37	36, 37, 39, 40	

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) CO₂e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):

CO₂ (1), N₂O (298), CH₄ (25), SF₆ (22,800), HFC (various), PFC (various)

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.

(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

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

Date: 08/08/2024	Regulated Entity No.: RN111258877	Permit No.: TBA
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

- 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>	1
* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122. Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.	

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

Date: 08/08/2024	Regulated Entity No.: RN111258877	Permit No.: TBA
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s): TO_PROCESS

SOP Index No.: 60CCCC-001

Pollutant: Cadmium, CO, Dioxins/Furans, Fugitive Ash, HCl, Lead, Mercury, NO_x, PM, SO₂

Applicable Requirement

Citation	Text Description
40 CFR 60.2190	Preconstruction Notification Requirements
40 CFR 60.2045(b) & 60.2050	Siting Analysis Requirements
40 CFR 60.2055-60.2065	Waste Management Plan (WMP) Requirements
40 CFR 60.2230(a), 40 CFR 60.7(a)	Notification of Date of Construction Requirements

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation
40 CFR 60.2190	Preconstruction Notification development and submittal	Documentation not yet created
40 CFR 60.2045(b) & 60.2050	Siting analysis review and documentation	Documentation not yet created
40 CFR 60.2055-60.2065	Waste Management Plan (WMP) development	Documentation not yet created
40 CFR 60.2230(a), 40 CFR 60.7(a)	Notification of Date of Construction development and submittal	Documentation not yet created

3. Non-compliance Situation Description

The federal regulatory applicability review conducted as part of the initial Title V Operating Permit Application identified that the thermal oxidizer (TO_PROCESS) is subject to 40 CFR 60, New Source Performance Standards (NSPS) for New Commercial & Industrial Solid Waste Incinerator (CISWI) Units (NSPS CCCC). As a result, the pre-construction requirements described above were not met for the thermal oxidizer.

4. Corrective Action Plan Description

Roehm America, LLC is in the process of addressing each of these pre-construction requirements.

5. List of Activities/Milestones to Implement the Corrective Action Plan

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

Notification of Date of Construction development and submit by 12/31/24.
Preconstruction Notification development and submittal, Siting Analysis development, WMP development, Startup Notification development and submittal, and SSMP development by 12/31/24.

TCEQ - 10100 (APDG 5876v4, Revised 07/17) OP-ACPS

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

08/08/2024	Regulated Entity No.: RN111258877	Permit No.: TBA
Company Name: Roehm America, LLC		Area Name: Roehm America Bay City Site

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	
7. Progress Report Submission Schedule	
Every 6 Months, starting 1 st Quarter 2024.	

Reset Form

Print Form



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

- ☒ New Permit or Registration Application
☐ New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

- ☒ Requires public notice,
☐ Considered to have significant public interest, and
☐ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

- ☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

The facility is not located within the noted geographical locations.

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V
Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)
☐ Texas Land Application Permit (TLAP)
☐ State Only Concentrated Animal Feeding Operation (CAFO)
☐ Water Treatment Plant Residuals Disposal Permit
☐ Class B Biosolids Land Application Permit
☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water
☐ Add a New or Existing Reservoir
☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☐

City

☐

County

☐

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

(b) Per capita income for population near the specified location

(c) Percent of minority population and percent of population by race within the specified location

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☐ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☐ No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

☐ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☐ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

- ☐ TCEQ Regional Office ☐ TCEQ Central Office
- ☐ Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

7. UNIT ATTRIBUTE FORMS

This section contains the following Unit Attribute Forms:

- ▶ Form OP-UA1: Miscellaneous Unit Attributes
- ▶ Form OP-UA2: Stationary Reciprocating Internal Combustion Engine Attributes
- ▶ Form OP-UA3: Storage Tank/Vessel Attributes
- ▶ Form OP-UA4: Loading/Unloading Operations Attributes
- ▶ Form OP-UA6: Boiler/Steam Generator/Steam Generating Unit Attributes
- ▶ Form OP-UA7: Flare Attributes
- ▶ Form OP-UA12: Fugitive Emission Attributes
- ▶ Form OP-UA13: Industrial Cooling Tower Attributes
- ▶ Form OP-UA15: Emission Point/ Stationary Vent/ Distillation Vent/ Process Vent Attributes
- ▶ Form OP-UA35: Incinerator Attributes
- ▶ Form OP-UA58: Treatment Process Attributes
- ▶ Form OP-UA60: Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes

**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

Date:	08/08/2024
Permit No.:	TBA
Regulated Entity No.:	RN111258877

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
MAINTVT	63FMVT-001	EP				Continuous process vents designated as maintenance vent under MACT G with compliance date of July 15, 2027.
PRD	63PRD-001	EU				Pressure relief devices subject to MACT H with compliance date of July 15, 2027.
TO_PROCESS	60CCCC-001	CD				Thermal Oxidizer is a commercial and industrial solid waste incineration (CISWI) unit subject to NSPS CCCC.

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.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
EGEN1	63ZZZZ-001	MAJOR	500+	06+		EMER-A	

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 10)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
EGEN1	60IIII-001	2005+	NONE	EMERG	CON	0406+

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

Federal Operating Permit Program

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

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
EGEN1	60IIII-001	DIESEL		10-		2017+	

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 12)
Federal Operating Permit Program
Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
EGEN1	60IIII-001	E2237+		NO	NO	MANU YES		

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels
(Including Petroleum Liquid Storage Vessels)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Date				Permit No.				Regulated Entity No.		
Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
V-0130	60KB-001	VOL	40K+	NONE	11.1+B	CVS-CD				TO_PROCESS
V-0130	60KB-006	VOL	40K+	NONE	11.1+B	CVS-FL				FLR
V-0765	60KB-004	WASTE	10K-							
S-0120	60KB-002	VOL	20K-40K	NONE	2.2-					
S-4600	60KB-003	WASTE	40K+	NONE	0.75-11.1	CVS-CD				TO_PROCESS
S-4600	60KB-007	WASTE	40K+	NONE	0.75-11.1	CVS-FL				FLR
V-4500	60KB-004	WASTE	10K-							
V-4525	60KB-004	WASTE	10K-							
OILTKS	60KB-005	VOL	10K-							
DIESGEN TK	60KB-005	VOL	10K-							

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.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
GRPTKG	R5112-001	NO		VOC3	C25K+			
V-0130	R5112-002	NO		VOC3	C25K+			
V-0130	R5112-005	NO		VOC3	C25K+			
V-0765	R5112-003	NO		VOC3	C1K-25K			
V-0765	R5112-006	NO		VOC3	C1K-25K			
S-0120	R5112-007	NO		VOC3	C1K-25K			
S-4600	R5112-001	NO		VOC3	C25K+			
V-4500	R5112-003	NO		VOC3	C1K-25K			
V-4500	R5112-006	NO		VOC3	C1K-25K			
V-4525	R5112-003	NO		VOC3	C1K-25K			
V-4525	R5112-006	NO		VOC3	C1K-25K			
OILTKS	R5112-004	NO		VOC3	C1K-			
DIESGENTK	R5112-007	NO		VOC3	C1K-25K			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

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.
GRPTKG	R5112-001		NONE2	1.5-C				
V-0765	R5112-003	73+	VRS2	1.5-11			DIRINC	TO_PROCESS
V-0765	R5112-006	73+	VRS2	1.5-11			FLARE	FLR
V-0130	R5112-002		VRS2	11+			DIRINC	TO_PROCESS
V-0130	R5112-005		VRS2	11+			FLARE	FLR
S-0120	R5112-007	73+	NONE2	1.5-C				
S-4600	R5112-001		NONE2	1.5-C				
V-4500	R5112-003	73+	VRS2	1.5-11			DIRINC	TO_PROCESS
V-4500	R5112-006	73+	VRS2	1.5-11			FLARE	FLR

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-4525	R5112-003	73+	VRS2	1.5-11			DIRINC	TO_PROCESS
V-4525	R5112-006	73+	VRS2	1.5-11			FLARE	FLR
DIESGE NTK	R5112-007	73+	NONE2	1.5-C				

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 13)

Federal Operating Permit Program

Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing

Industry for Storage Vessels

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	MACT Subpart F/G Applicability	NESHAP Subpart Y Applicability	NSPS Subpart Kb Applicability	Maximum TVP	Emission Control Type	AMOC ID No.
GRPTKG	63GTK-001	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-003	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-002	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-004	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-005	YES	NO		11.11-	CVS-CD	
GRPTKG	63GTK-006	YES	NO		11.11-	CVS-CD	

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 14)

Federal Operating Permit Program

Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Seal Type	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted
GRPTKG	63GTK-001		SUBPTG	YES	FLOWIND	THERMAL	TO_PROCESS	NO	NO
GRPTKG	63GTK-003		SUBTPG	YES	CARSEAL	THERMAL	TO_PROCESS	NO	NO
GRPTKG	63GTK-002		SUBPTG	YES	FLOWIND	FLARE	FLR		
GRPTKG	63GTK-004		SUBPTG	YES	CARSEAL	FLARE	FLR		
GRPTKG	63GTK-005		SUBPTG	YES	CARSEAL	FLARE	TEMPFLR		
GRPTKG	63GTK-006		SUBPTG	YES	CARSEAL	CADS	CAS	NO	NO

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 26)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic
Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92
V-0765	63GTKWW1	YES				
V-3510	63GTKWW1	YES				
V-4500	63GTKWW1	YES				
V-4525	63GTKWW1	YES				

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 28)

Federal Operating Permit Program

Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry
Wastewater**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Designated Group 1	Emission Control Type	EEL ID No.	New Source
V-0765	63GTKWW1	NO	75-				
V-3510	63GTKWW1	NO	75-				
V-4500	63GTKWW1	NO	75-				
V-4525	63GTKWW1	NO	75-				

Texas Commission on Environmental Quality
Loading/Unloading Operations Attributes
Form OP-UA04 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
TK_LOAD_MMA	R5211-001	OTHER	NONE		VOC2	LOAD	1.5-		
TK_LOAD_FORM	R5211-001	OTHER	NONE		VOC2	LOAD	1.5-		
TK_UNLD_DMA	R5211-002	OTHER	NONE		VOC2	UNLOAD	1.5+		
TK_UNLD_ACETIC	R5211-003	OTHER	NONE		VOC2	UNLOAD	1.5-		
TK_LOAD_WW	R5211-001	OTHER	NONE		VOC2	LOAD	1.5-		

Texas Commission on Environmental Quality
Loading/Unloading Operations Attributes
Form OP-UA04 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

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
TK_LOAD_MMA	R5211-001							
TK_LOAD_FORM	R5211-001							
TK_UNLD_DMA	R5211-002			YES				
TK_UNLD_ACETIC	R5211-003							
TK_LOAD_WW	R5211-001							

Texas Commission on Environmental Quality
Loading/Unloading Operations Attributes
Form OP-UA04 (Page 9)
Federal Operating Permit Program
Table 7a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic
Chemical Manufacturing Industry for Transfer Operations

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Transfer Rack Type	Subject to Subpart BB	Compliance Options	Closed Vent System	Hard Piping
TK_LOAD_MMA	63GLD-001	Group 2	NO			
TK_LOAD_FORM	63GLD-001	Group 2	NO			

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 6)
Federal Operating Permit Program
Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, or AAAA	Subpart KKKK	Subpart Cb or BBBB
Z-4810	60DB-001	05+CR	100-250	NO	NO	NO	NO	NO
Z-4820	60DB-001	05+CR	100-250	NO	NO	NO	NO	NO
TO_PROCESS	60DB-002	05+CR	250+	NO	NO	NO	NO	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 7)
Federal Operating Permit Program
Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Subpart J	Subpart E	ACF Option SO ₂	ACF Option PM	ACF Option NO _x
Z-4810	60DB-001	NG				NO	NO	OTHR	OTHR	OTHR
Z-4820	60DB-001	NG				NO	NO	OTHR	OTHR	OTHR
TO_PROCESS	60DB-002	NG	BPW			NO	NO	OTHR	OTHR	OTHR

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 8)
Federal Operating Permit Program
Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	Steam with Electricity	Electricity Only	60.49 Da(n) Alternative	60.49 Da(m) Alternative
Z-4810	60DB-001	YES				NO				NO	NO
Z-4820	60DB-001	YES				NO				NO	NO
TO_PROCESS	60DB-002	YES				NO				NO	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 9)
Federal Operating Permit Program
Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type Opacity	Monitoring Type NO _x	Monitoring Type SO ₂	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
Z-4810	60DB-001		NONE	NONE	CEM	FLCRT	NONE	OTHER	NGHIGH			
Z-4820	60DB-001		NONE	NONE	CEM	FLCRT	NONE	OTHER	NGHIGH			
TO_PROCESS	60DB-002		NONE	NONE	CEM	FLCRT	NONE	OTHER				

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 10)
Federal Operating Permit Program
Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Alternate Emission Limit (AEL)	AEL ID. NO.	Facility Type	Monitoring Device	Common Fuel Source
Z-4810	60DB-001					
Z-4820	60DB-001					
TO_PROCESS	60DB-002	NO				

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 18)
Federal Operating Permit Program
Table 7: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Fuel Type	Date of Operation	Heat Input	Control Equipment	FCAA § 412(c)	Stack Height
TO_PROCESS	R200-001	LQD		250-			NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 37)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
Z-4810	63DDDDDD-001	NEW	T3.1TS		
Z-4820	63DDDDDD-001	NEW	T3.1TS		

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.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
FLR	R1111-001	NO	NO			
FLR	R1111-002	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.
08/08/2024	TBA	RN111258877

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
FLR	60A-001	YES	YES	NONE	60-400	1000+
FLR	60A-002	YES	YES	NONE	60-400	1000-
FLR	60A-003	YES	YES	NONE	60-	

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.
08/08/2024	TBA	RN111258877

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
FLR	63A-001	YES	YES	NONE	60-400	1000+
FLR	63A-002	YES	YES	NONE	60-400	1000-
FLR	63A-003	YES	YES	NONE	60-	
TEMPFLR	63A-004	YES	YES	NONE	60-400	1000+
TEMPFLR	63A-005	YES	YES	NONE	60-400	1000-
TEMPFLR	63A-006	YES	YES	NONE	60-	

Texas Commission on Environmental Quality

Flare Attributes

Form OP-UA7 (Page 7)

Federal Operating Permit Program

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

Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Flare Applicability	Operating Limits	AMEL ID No.	Flare Tip Velocity	Perimeter Assist Air
FLR	63CC-001	OTHER	REGOP		60-400	NONE
FLR	63CC-002	OTHER	REGOP		60-	NONE
TEMPFLR	63CC-003	OTHER	REGOP		60-400	NONE
TEMPFLR	63CC-004	OTHER	REGOP		60-	NONE

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.
08/08/2024	TBA	RN111258877

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
FUG	63H-ALL						

Fugitive Emission Unit Attributes
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.
08/08/2024	TBA	RN111258877

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.
FUG	63H-ALL	YES	NO		YES	TO_PROCESS	YES	FLR

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.
08/08/2024	TBA	RN111258877

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
FUG	63H-ALL	YES	YES	YES	NO	Manufacturing and pipeline fugitive components in the formalin CMPU and MMA CMPU.

**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.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/Modification Date	Compliance Option	Design Capacity	Facility Type
FUG	60VVA-001	YES	YES	06+	63H		

**Texas Commission on Environmental Quality
Cooling Tower Attributes
Form OP-UA13 (Page 1)**

Federal Operating Permit Program

Table 1: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart Q: National Emission Standards for Hazardous Air Pollutants (HAPs) for Industrial Process Cooling Towers

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

Unit ID No.	SOP Index No.	Used Compounds Containing Chromium on or After September 8, 1994	Initial Start-up Date
CTW	63Q-001	NO	

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
TO_PROCESS	R1111-001	NO		OTHER	NONE	72+	100+
CTW	R1111-001	NO		OTHER	NONE	72+	100+
Z-4810	R1111-001	NO		OTHER	NONE	72+	100+
Z-4820	R1111-001	NO		OTHER	NONE	72+	100+

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

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
GRPTOPVHDR	R5122-001	NO	NO	CLASVOC				
GRPFLRPVHDR	R5122-002	NO	NO	CLASVOC				
FLRFOPVHDR	R5122-002	NO	NO	CLASVOC				

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.
08/08/2024	TBA	RN111258877

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
GRPTOPVHDR	R5122-001	NONE		DIRFLM	TO_PROCESS
GRPFLRPVHDR	R5122-002	NONE		FLARE	FLR
FLRFOPVHDR	R5122-002	NONE		FLARE	FLR

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

Form OP-UA15 (Page 13)

Federal Operating Permit Program

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

**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Emission Point ID No.	SOP Index No.	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
GRPTOPVHDR	63GPV-001	III	YES	60III/63G						
GRPTOPVHDR	63GPV-011	III	YES	60III/63G						
GRPFLRPVHDR	63GPV-002	III	YES	60III/63G						
GRPFLRPVHDR	63GPV-012	III	YES	60III/63G						
FLRFOPVHDR	63GPV-003	III	YES	60III/63G						
FLRFOPVHDR	63GPV-013	III	YES	60III/63G						
TFLRPVHDR	63GPV-008	III	YES	60III/63G						
CASPVHDR	63GPV-018	III	YES	60III/63G						
GRPTOPVHDR	63GPV-004	NNN	YES	60NNN/63G						
GRPTOPVHDR	63GPV-014	NNN	YES	60NNN/63G						
GRPFLRPVHDR	63GPV-005	NNN	YES	60NNN/63G						
GRPFLRPVHDR	63GPV-015	NNN	YES	60NNN/63G						

Emission Point ID No.	SOP Index No.	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
TFLRPVHDR	63GPV-009	NNN	YES	60NNN/63G						
CASPVHDR	63GPV-019	NNN	YES	60NNN/63G						
GRPTOPVHDR	63GPV-006	RRR	YES	60RRR/63G						
GRPTOPVHDR	63GPV-016	RRR	YES	60RRR/63G						
GRPFLRPVHDR	63GPV-007	RRR	YES	60RRR/63G						
GRPFLRPVHDR	63GPV-017	RRR	YES	60RRR/63G						
TFLRPVHDR	63GPV-010	RRR	YES	60RRR/63G						
CASFLRPVHDR	63GPV-020	RRR	YES	60RRR/63G						

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 14)**

Federal Operating Permit Program

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

**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Emission Point ID No.	SOP Index No.	Control Device	Control Device ID No.	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
GRPTOPVHDR	63GPV-001	INCIN	TO_PROCESS	NO				NO
GRPTOPVHDR	63GPV-011	INCIN	TO_PROCESS	NO				NO
GRPFLRPVHDR	63GPV-002	FLARE	FLR	NO				NO
GRPFLRPVHDR	63GPV-012	FLARE	FLR	NO				NO
FLRFOPVHDR	63GPV-003	FLARE	FLR	NO				NO
FLRFOPVHDR	63GPV-013	FLARE	FLR	NO				NO
TFLRPVHDR	63GPV-008	FLARE	TEMPFLR	NO				NO
CASPVHDR	63GPV-018	CARB	CAS	NO				NO
GRPTOPVHDR	63GPV-004	INCIN	TO_PROCESS	NO				NO
GRPTOPVHDR	63GPV-014	INCIN	TO_PROCESS	NO				NO
GRPFLRPVHDR	63GPV-005	FLARE	FLR	NO				NO

Emission Point ID No.	SOP Index No.	Control Device	Control Device ID No.	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
GRPFLRPVHDR	63GPV-015	FLARE	FLR	NO				NO
TFLRPVHDR	63GPV-009	FLARE	TEMPFLR	NO				NO
CASPVHDR	63GPV-019	CARB	CAS	NO				NO
GRPTOPVHDR	63GPV-006	INCIN	TO_PROCESS	NO				NO
GRPTOPVHDR	63GPV-016	INCIN	TO_PROCESS	NO				NO
GRPFLRPVHDR	63GPV-007	FLARE	FLR	NO				NO
GRPFLRPVHDR	63GPV-017	FLARE	FLR	NO				NO
TFLRPVHDR	63GPV-010	FLARE	TEMPFLR	NO				NO
CASPVHDR	63GPV-020	CARB	CAS	NO				NO

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 15)

Federal Operating Permit Program

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

**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

Emission Point ID No.	SOP Index No.	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No.	Bypass Lines	Flow Indicator
GRPTOPVHDR	63GPV-001	NO		NOALT		YES	YES
GRPTOPVHDR	63GPV-011	NO		NOALT		YES	NO
GRPFLRPVHDR	63GPV-002	NO		NOALT		YES	YES
GRPFLRPVHDR	63GPV-012	NO		NOALT		YES	NO
FLRFOPVHDR	63GPV-003	NO		NOALT		YES	YES
FLRFOPVHDR	63GPV-013	NO		NOALT		YES	NO
TFLRPVHDR	63GPV-008	NO		NOALT		YES	NO
CASPVHDR	63GPV-018	NO		NOALT		YES	NO
GRPTOPVHDR	63GPV-004	NO		NOALT		YES	YES
GRPTOPVHDR	63GPV-014	NO		NOALT		YES	NO
GRPFLRPVHDR	63GPV-005	NO		NOALT		YES	YES

Emission Point ID No.	SOP Index No.	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No.	Bypass Lines	Flow Indicator
GRPFLRPVHDR	63GPV-015	NO		NOALT		YES	NO
TFLRPVHDR	63GPV-009	NO		NOALT		YES	NO
CASPVHDR	63GPV-019	NO		NOALT		YES	NO
GRPTOPVHDR	63GPV-006	NO		NOALT		YES	YES
GRPTOPVHDR	63GPV-016	NO		NOALT		YES	NO
GRPFLRPVHDR	63GPV-007	NO		NOALT		YES	YES
GRPFLRPVHDR	63GPV-017	NO		NOALT		YES	NO
TFLRPVHDR	63GPV-010	NO		NOALT		YES	NO
CASPVHDR	63GPV-020	NO		NOALT		YES	NO

**Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 1)
Federal Operating Permit Program**

**Table 1: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Incineration**

Date:	08/08/2024
Permit No.:	TBA
Regulated Entity No.:	RN111258877

Unit ID No.	SOP Index No.	Waste Type	Monitor	Pounds Burned
TO_PROCESS	R1121-001	MCID	YES	100+

**Texas Commission on Environmental Quality
Treatment Process Attributes
Form OP-UA58 (Page 5)**

Federal Operating Permit Program

**Table 3a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants
From Synthetic Organic Chemical Manufacturing Industry Wastewater**

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

Process ID No.	SOP Index No.	Series of Processes	Hard Piping	Compliance Under Title 40 CFR § 63.138(a)(7)(ii)	Series Design Evaluation	Biological Treatment Process	Wastewater Stream Designation	Wastewater Stream Treatment	Treatment Process Design Evaluation	Performance Test Exemption
INCINTREAT	63GWWTR EAT1	NO				NONBIO	GRP1-9	PERC1	NO	
RCRATREAT	63GWWTR EAT2	NO				NONBIO	GRP1-9	RCRA		
INCINTREAT	63GWWTR EAT3	NO				NONBIO	132E	PERC1	NO	
RCRATREAT	63GWWTR EAT4	NO				NONBIO	132E	RCRA		

**Texas Commission on Environmental Quality
Treatment Process Attributes
Form OP-UA58 (Page 6)**

Federal Operating Permit Program

**Table 3b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants
From Synthetic Organic Chemical Manufacturing Industry Wastewater**

Date	Permit No.:	Regulated Entity No.
08/08/2024	TBA	RN111258877

Process ID No.	SOP Index No.	Combustion Process	§ 63.145(e) Requirements Elected	Vented To Control	Fuel Gas System	Closed Vent System	By-Pass Lines	Combination of Control Devices	Control Device Type	Control Device ID No.
INCINTREAT	63GWWTRE AT1	YES		NO						
RCRATREAT	63GWWTRE AT2			NO						
INCINTREAT	63GWWTRE AT3	YES		NO						
RCRATREAT	63GWWTRE AT4			NO						

Form OP-UA60 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic
Chemical Manufacturing Industry**

Date: 08/08/2024	Permit No.: TBA	Regulated Entity No.: RN111258877
Area Name: MMA Unit		Customer Reference No.: CN605887744

Process ID No.	SOP Index No.	Applicable Chemicals	Table 2 HAP	Alternate Means of Emission Limitation (AMEL)	AMEL ID No.	Heat Exchange System	Cooling Water Pressure
MMA_CMPU	63F-001	YES	YES	NO		YES	NO
FORM_CMPU	63F-001	YES	YES	NO		YES	NO

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 2)
Federal Operating Permit Program

Table 1b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry

Date: 08/08/2024	Permit No.: TBA	Regulated Entity No.: RN111258877
Area Name: MMA Unit		Customer Reference No.: CN605887744

Process ID No.	SOP Index No.	Intervening Cooling Fluid	Table 4 HAP Content	NPDES Permit	Meets 40 CFR § 63.104(a)(4)(i) - (iv)	Table 9 HAP Content	Cooling Water Monitored
MMA_CMPU	63F-001	NO	NO	NO	NO	NO	YES
FORM_CMPU	63F-001	NO	NO	NO	NO	NO	YES

8. APPLICABLE REQUIREMENTS SUMMARY FORMS

This section contains the following forms and information:

- ▶ Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information
- ▶ Form OP-REQ2: Negative Applicability Requirement Determinations
- ▶ Form OP-REQ3: Applicable Requirements Summary
- ▶ Form OP-MON: Monitoring Requirements

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

Date:	08/08/2024
Permit No.:	TBA
RN No.:	RN111258877

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	☐ YES ☒ NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	☒ YES ☐ NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	☐ YES ☐ NO
◆	4. All stationary vents are addressed on a unit specific basis.	☐ YES ☒ NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	☐ YES ☒ NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☐ YES ☒ NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	☒ YES ☐ NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	☒ YES ☐ NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	☐ YES ☒ NO ☐ N/A

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

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Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	☐ 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

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Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. ☐ YES ☒ NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. ☐ YES ☒ NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. ☐ YES ☒ NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
A. Temporary Fuel Shortage Plan Requirements	
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. ☐ YES ☒ NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <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

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

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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 covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	☐ YES ☐ NO

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	☐ 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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)	
◆ 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	☐ 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 Question 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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
H. Control Of Reid Vapor Pressure (RVP) of Gasoline	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	☐ 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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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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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 "NO," 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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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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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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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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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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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	☐ YES ☒ NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	☐ YES ☒ NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	☐ YES ☐ NO
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	☐ YES ☒ NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ YES ☐ NO
E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	☐ YES ☒ NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	☐ YES ☐ NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	☒ YES ☐ NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants		
1.	The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	☐ YES ☒ NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	☐ YES ☐ NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	☐ YES ☐ NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	☐ YES ☐ NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ YES ☐ NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</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.D.</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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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 "NO" 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	
<i>Applicability</i>	
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
<i>Roadway Construction</i>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ YES ☐ NO
<i>Manufacturing Commercial Asbestos</i>	
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)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	☐ YES ☐ NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ YES ☐ NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	☐ YES ☐ NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	☐ YES ☐ NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	☐ YES ☐ NO
11. The application area transfers waste off-site for treatment by another facility.	☐ YES ☐ NO
12. The application area is complying with 40 CFR § 61.342(d).	☐ YES ☐ NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	☐ YES ☐ NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ YES ☐ NO

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	☐ YES ☐ NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	☐ YES ☐ NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ YES ☐ NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ YES ☐ NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</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)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	☐ YES ☐ NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	☐ YES ☐ NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ YES ☐ NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	☐ YES ☐ NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	☐ YES ☒ NO ☐ N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☐ YES ☐ NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	☐ YES ☐ NO
12. VOHAP concentration is determined by direct measurement.	☐ YES ☐ NO
13. VOHAP concentration is based on knowledge of the off-site material.	☐ YES ☐ NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	☐ YES ☐ NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☐ YES ☐ NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ YES ☐ NO
17. The application area includes containers that manage non-exempt off-site material.	☐ YES ☐ NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i> <i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i>	☐ YES ☐ NO
◆	6. The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i>	☐ YES ☐ NO
◆	7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	☐ YES ☐ NO
◆	8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	☐ YES ☐ NO
◆	9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐ YES ☐ NO

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ YES ☐ NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐ YES ☐ NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	☐ YES ☐ NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ YES ☐ NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ YES ☐ NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	☐ YES ☐ NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	☐ YES ☐ NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ YES ☐ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐ YES ☐ NO
20. The application area includes an ethylene production process unit.	☐ YES ☒ NO ☐ N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	☐ YES ☒ NO ☐ N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	☐ YES ☐ NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	☐ YES ☐ NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	☐ YES ☐ NO

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

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

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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.18.</i>	☐ YES ☐ NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	☐ YES ☐ NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	☐ YES ☐ NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</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.AA.9 is "NO," go to Question VIII.AA.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.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</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)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	☐ YES ☐ NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	☐ YES ☐ NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	☐ YES ☐ NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	☐ YES ☐ NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐ YES ☐ NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐ YES ☐ NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	☐ YES ☐ NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐ YES ☐ NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐ YES ☐ NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	☐ YES ☐ NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	☐ YES ☐ NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	☐ YES ☐ NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	☐ YES ☐ NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	☐ YES ☐ NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	☐ YES ☒ NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	☐ YES ☒ NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	☐ YES ☐ NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	☐ YES ☐ NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	☐ YES ☐ NO
5. The site remediation will be completed within 30 consecutive calendar days.	☐ YES ☐ NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	☐ YES ☐ NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ YES ☐ NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 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)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	☐ YES ☐ NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ YES ☐ NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	☐ YES ☐ NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ YES ☐ NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ YES ☐ NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ YES ☐ NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <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

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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	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	☐ YES ☒ NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	☐ YES ☐ NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ YES ☐ NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	☐ YES ☐ NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐ YES ☐ NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	☐ YES ☐ NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	☐ YES ☐ NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ YES ☐ NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	☐ YES ☐ NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ YES ☐ NO

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

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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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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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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	☒ YES ☐ NO ☐ N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. 40 CFR 60 CCCC	
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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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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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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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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XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	☐ YES ☒ NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ YES ☒ NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	☐ YES ☒ NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	☐ YES ☒ NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	☒ YES ☐ NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <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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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. GRPTOPVHDR, GRPFLPVHDR , FLRFOPVHDR
◆	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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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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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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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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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.: PSDTX1596	Issuance Date: 04/09/2024	Pollutant(s): VOC, NOX, CO, PM2.5	
PSD Permit No.: GHGPSDTX208	Issuance Date: 04/09/2024	Pollutant(s): GHG	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.: 165103	Issuance Date: 04/09/2024	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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

Date	Permit No.	Regulated Entity No.
08/08/2024	TBA	RN111258877

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
		DISTILPV	OPREQ2	NSPS NNN	63.110(d)(4)	Process vents are 40 CFR 63, subpart G Group 1 process vents and are required to comply only with the provisions of the 40 CFR 63, subpart G.
		AIROXPV	OPREQ2	NSPS III	63.110(d)(1)	Process vents are 40 CFR 63, subpart G Group 1 process vents and are required to comply only with the provisions of the 40 CFR 63, subpart G.
		REACTPV	OPREQ2	NSPS RRR	63.110(d)(7)	Process vents are 40 CFR 63, subpart G Group 1 process vents and are required to comply only with the provisions of the 40 CFR 63, subpart G.
		S-8100	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.
		S-8110	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.
		S-1550	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.

		S-3300	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.
		S-7000	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.
		S-7010	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.
		S-7005	OPUA3	NSPS Kb	63.110(b)(1)	Storage tank is a 40 CFR 63, subpart G Group 1 storage vessel and is required to comply only with the provisions of 40 CFR 63, subpart G.
		V-0765	OPUA3	NSPS Kb	60.110b(a)	Storage tank has a capacity less than 75 m3.
		V-4500	OPUA3	NSPS Kb	60.110b(a)	Storage tank has a capacity less than 75 m3.
		V-4525	OPUA3	NSPS Kb	60.110b(a)	Storage tank has a capacity less than 75 m3.
		S-0120	OPUA3	NSPS Kb	60.110b(b)	Storage tank has a capacity greater than or equal to 75 m ³ but less than 151 m ³ and stores a liquid with a maximum true vapor pressure less than 15.0 kPa.
		DIESGENTK	OPUA3	NSPS Kb	60.110b(a)	Storage tank has a capacity less than 75 m3.
		OILTKS	OPUA3	NSPS Kb	60.110b(a)	Storage tank has a capacity less than 75 m3.
		S-8100	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.

		S-8110	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-1550	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-3300	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-7000	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-7010	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-7005	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-4600	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		S-0120	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		DIESGENTK	OPUA3	Chapter 115	115.111(c)(1)	Storage tank stores a VOC with a true vapor pressure less than 1.5 psia.
		OILTKS	OPUA3	Chapter 115	115.111(c)(5)	Storage tank has a capacity less than 1,000 gallons.
		CTW	OPUA13	MACT Q	63.400(a)	Cooling tower does not operate with chromium-based water treatment chemicals.
		FLR	OPUA7	MACT CC	63.108	The flare is not subject to the MACT CC requirements until July 15, 2027, pursuant to 40 CFR 63.108. Requirements have been pro-actively identified in preparation for compliance upon this date.

		TEMPFLR	OPUA7	MACT CC	63.108	The flare is not subject to the MACT CC requirements until July 15, 2027, pursuant to 40 CFR 63.108. Requirements have been pro-actively identified in preparation for compliance upon this date.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	MACT EEE	63.1200	The unit does not combust hazardous waste as defined in 40 CFR 261.3.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	MACT DDDDD	63.7575	This unit is a waste heat boiler, which is excluded from the definition of boiler.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NSPS E	60.51	The unit is not used in the process of burning solid waste for the purpose of reducing the volume of the waste by removing combustible matter.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NESHAP C	61.30	The unit does not process beryllium-containing waste.
		TO_PROCESS	OPUA5, OPUA6, OPUA15	NESHAP E	61.50	The unit does not incinerate or dry wastewater treatment plant sludge .

Applicable Requirements Summary

Form OP-REQ3 (Page 1)

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Table 1b: Additions

Revision No.	Unit/Group/ Process ID No.	Unit/Group/ Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	EGEN1	OPUA2	63ZZZZ-001	HAPS	MACT ZZZZ	§63.6590(b)(1), §63.6595(c), §63.6640(f)(1), §63.6640(f)(2), §63.6640(f)(2)(i), §63.6640(f)(3)
	EGEN1	OPUA2	60IIII-001	NMHC+NOx	NSPS IIII	§60.4205(b)8, §60.4202(b)(2), §1039-Appendix I, §60.4206, §60.4207(b), [G]§60.4211(f), §60.4211(c), [G]§60.4211(a)
	EGEN1	OPUA2	60IIII-001	CO	NSPS IIII	§60.4205(b)15, §60.4202(b)(2), §1039-Appendix I, §60.4206, §60.4207(b), [G]§60.4211(f), §60.4211(c), [G]§60.4211(a)
	EGEN1	OPUA2	60IIII-001	PM	NSPS IIII	§60.4205(b)24, §60.4202(b)(2), §1039-Appendix I, §60.4206, §60.4207(b), [G]§60.4211(f), §60.4211(c), [G]§60.4211(a)
	EGEN1	OPUA2	60IIII-001	Opacity	NSPS IIII	§60.4205(b)25, §1039.105(b)(1)-(3), §60.4202(b)(2), §60.4206, §60.4207(b), [G]§60.4211(f), §60.4211(c), [G]§60.4211(a)
	V-0130	OPUA3	60KB-001	VOC	NSPS Kb	[G]§60.112b(b)(1), [G]§60.112b(a)(3)
	V-0130	OPUA3	60KB-006	VOC	NSPS Kb	[G]§60.112b(b)(1), [G]§60.112b(a)(3), §60.18
	S-4600	OPUA3	60KB-003	VOC	NSPS Kb	[G]§60.112b(a)(3)
	S-4600	OPUA3	60KB-007	VOC	NSPS Kb	[G]§60.112b(a)(3), §60.18
	V-0130	OPUA3	R5112-002	VOC	Chapter 115	§115.112(c)(1)
	V-0130	OPUA3	R5112-005	VOC	Chapter 115	§115.112(c)(1)
	V-4500	OPUA3	R5112-003	VOC	Chapter 115	§115.112(c)(1)
	V-4500	OPUA3	R5112-006	VOC	Chapter 115	§115.112(c)(1)
	V-4525	OPUA3	R5112-003	VOC	Chapter 115	§115.112(c)(1)
	V-4525	OPUA3	R5112-006	VOC	Chapter 115	§115.112(c)(1)
	V-0765	OPUA3	R5112-003	VOC	Chapter 115	§115.112(c)(1)
	V-0765	OPUA3	R5112-006	VOC	Chapter 115	§115.112(c)(1)
	GRPTKG	OPUA3	63GTK-001	HAPS	MACT G	§63.119(e), §63.119(a)(1), (e)(3)-(5), [G]§63.148(d), §63.148(e) §63.119(e)(1) [G]§63.119(a)(6). [G]§63.119(e)(7)

	GRPTKG	OPUA3	63GTK-003	HAPS	MACT G	§63.119(e), §63.119(a)(1), (e)(3)-(5), [G]§63.148(d),§63.148(e) §63.119(e)(1) [G]§63.119(a)(6). [G]§63.119(e)(7)
	GRPTKG	OPUA3	63GTK-002	HAPS	MACT G	§63.119(e), §63.119(a)(1), (e)(3)-(5), [G]§63.148(d),§63.148(e), §63.11, §63.119(e)(1) [G]§63.119(a)(6). [G]§63.119(e)(7) [G] 63.108
	GRPTKG	OPUA3	63GTK-004	HAPS	MACT G	§63.119(e), §63.119(a)(1), (e)(3)-(5), [G]§63.148(d),§63.148(e), §63.11, §63.119(e)(1) [G]§63.119(a)(6). [G]§63.119(e)(7) [G] 63.108
	GRPTKG	OPUA3	63GTK-005	HAPS	MACT G	§63.119(e), §63.119(a)(1), (e)(3)-(5), [G]§63.148(d),§63.148(e), §63.11, §63.119(e)(1) [G]§63.119(a)(6). [G]§63.119(e)(7) [G] 63.108
	GRPTKG	OPUA3	63GTK-006	HAPS	MACT G	§63.119(e), §63.119(a)(1), (e)(3)-(5), [G]§63.148(d),§63.148(e) §63.119(e)(1) [G]§63.119(a)(6). [G]§63.119(e)(7) [G]§63.120(d)(1)(iii)
	TK_LOAD_MMA	OPUA4	R5211-001	VOC	Chapter 115	§115.217(b)(2), §115.214(b)(1)(B), §115.214(b)(1)(D), §115.214(b)(1)(D)(i)
	TK_LOAD_MMA	OPUA4	63GLD-001	HAPS	MACT G	§63.126(c)
	TK_LOAD_FORM	OPUA4	R5211-001	VOC	Chapter 115	§115.217(b)(2), §115.214(b)(1)(B), §115.214(b)(1)(D), §115.214(b)(1)(D)(i)
	TK_LOAD_FORM	OPUA4	63GLD-001	HAPS	MACT G	§63.126(c)
	TK_UNLD_DMA	OPUA4	R5211-002	VOC	Chapter 115	§115.212(b)(3),§115.212(b)(3)(A), §115.212(b)(3)(A)(i), §115.212(b)(2), §115.212(b)(3)(B), [G]§115.212(b)(3)(C), (b)(3)(D), §115.214(b)(1)(B),
	TK_UNLD_ACETI C	OPUA4	R5211-003	VOC	Chapter 115	§115.217(b)(2), §115.212(b)(2), §115.214(b)(1)(B), §115.214(b)(1)(D), §115.214(b)(1)(D)(i)
	TK_LOAD_WW	OPUA4	R5211-001	VOC	Chapter 115	§115.217(b)(2), §115.214(b)(1)(B), §115.214(b)(1)(D), §115.214(b)(1)(D)(i)
	TO_PROCESS	OPUA35	R1121-001	PM	Chapter 111	§111.121(1), §111.121(4), §111.129(2)
	TO_PROCESS	OPUA35	R1121-001	HCL	Chapter 111	§111.121(2), §111.121(4), §111.129(2)

	TO_PROCESS	OPUA35	R1121-001	CO	Chapter 111	§111.121(3), §111.121(4), §111.129(2)
	TO_PROCESS	OPUA35	R1121-001	PM (Opacity)	Chapter 111	§111.121(4), §111.121(5), §111.129(2)
	TO_PROCESS	OPUA6	R200-001	SO2	Chapter 112	§112.9(a)
	TO_PROCESS	OPUA6	60DB-002	SO2	NSPS Db	§60.42b(k)(2)
	TO_PROCESS	OPUA6	60DB-002	PM	NSPS Db	§60.40b(a)
	TO_PROCESS	OPUA6	60DB-002	PM (Opacity)	NSPS Db	§60.40b(a)
	TO_PROCESS	OPUA6	60DB-002	NOX	NSPS Db	§60.44b(l)(1), §60.44b(h), (i), §60.46b(a)
	TO_PROCESS	OPUA15	R1111-001	PM	Chapter 111	§111.111(a)(1)(C), §111.111(a)(1)(E)
	TO_PROCESS	OPUA1	60CCCC-001	Cadmium	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	CO	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	Dioxins/Furins	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	Fugitive Ash	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2110(i), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	HCL	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	PB	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	Mercury	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	NOX	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6

	TO_PROCESS	OPUA1	60CCCC-001	PM	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2110(i), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	TO_PROCESS	OPUA1	60CCCC-001	SO2	NSPS CCCC	[G]§60.2050, §60.2065, [G]§60.2070, [G]§60.2075, [G]§60.2080, [G]§60.2085, §60.2105(a), §60.2110(b), §60.2145(a), §60.2145(d), [G]§60.2045, §60.2055, [G]§60.2090, §60.2240, §60.2242, Table 6
	Z-4810	OPUA6	60DB-001	SO2	NSPS Db	§60.42b(k)(2)
	Z-4810	OPUA6	60DB-001	PM	NSPS Db	§60.40b(a)
	Z-4810	OPUA6	60DB-001	PM (Opacity)	NSPS Db	§60.40b(a)
	Z-4810	OPUA6	60DB-001	NOX	NSPS Db	§60.44b(l)(1), §60.44b(h), (i), §60.46b(a)
	Z-4810	OPUA6	63DDDDD-001	HAPS	MACT DDDDD	§63.7500(a)(1)-Table 3.1 2, §63.7500(a)(1), (a)(3), §63.7505(a), §63.7540(a), [G](a)(10), (a)(12)-(13)
	Z-4810	OPUA15	R1111-001	PM	Chapter 111	§111.111(a)(1)(C), §111.111(a)(1)(E)
	Z-4820	OPUA6	60DB-001	SO2	NSPS Db	§60.42b(k)(2)
	Z-4820	OPUA6	60DB-001	PM	NSPS Db	§60.40b(a)
	Z-4820	OPUA6	60DB-001	PM (Opacity)	NSPS Db	§60.40b(a)
	Z-4820	OPUA6	60DB-001	NOX	NSPS Db	§60.44b(l)(1), §60.44b(h), (i), §60.46b(a)
	Z-4820	OPUA6	63DDDDD-001	HAPS	MACT DDDDD	§63.7500(a)(1)-Table 3.1 2, §63.7500(a)(1), (a)(3), §63.7505(a), §63.7540(a), [G](a)(10), (a)(12)-(13)
	Z-4820	OPUA15	R1111-001	PM	Chapter 111	§111.111(a)(1)(C), §111.111(a)(1)(E)
	FLR	OPUA7	63CC-001	HAPS	MACT CC	§63.670(c), (d), (d)(2), (e) §63.670, (b), (o), [G](o)(1)-(5), §63.670(o)(6), [G](o)(7), [G]§63.671(c)
	FLR	OPUA7	63CC-002	HAPS	MACT CC	§63.670(c), (d), (d)(1), (e) §63.670, (b), (o), [G](o)(1)-(5), §63.670(o)(6), [G](o)(7), [G]§63.671(c)

	FLRTEMP	OPUA7	63CC-003	HAPS	MACT CC	§63.670(c), (d), (d)(2), (e) §63.670, (b), (o), [G](o)(1)-(5), §63.670(o)(6), [G](o)(7), [G]§63.671(c)
	FLRTEMP	OPUA7	63CC-004	HAPS	MACT CC	§63.670(c), (d), (d)(1), (e) §63.670, (b), (o), [G](o)(1)-(5), §63.670(o)(6), [G](o)(7), [G]§63.671(c)
	FLR	OPUA7	R1111-001	PM	Chapter 111	§111.111(a)(4)(A)1
	FLR	OPUA7	60A-001	VOC	NSPS A	60.18(b), §60.18(c)(1), (c)(2), (c)(6), §60.18(e) §60.18(c)(3)(ii) §60.18(c)(4)(ii)
	FLR	OPUA7	60A-002	VOC	NSPS A	60.18(b), §60.18(c)(1), (c)(2), (c)(6), §60.18(e) §60.18(c)(3)(ii) §60.18(c)(4)(iii)
	FLR	OPUA7	60A-003	VOC	NSPS A	60.18(b), §60.18(c)(1), (c)(2), (c)(6), §60.18(e) §60.18(c)(3)(ii) §60.18(c)(4)(i)
	FLR	OPUA7	63A-001	VOC	MACT A	§63.11(b)(4) §63.11(b)(1)-(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(7)(ii)
	FLR	OPUA7	63A-002	VOC	MACT A	§63.11(b)(4) §63.11(b)(1)-(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(7)(iii)
	FLR	OPUA7	63A-003	VOC	MACT A	§63.11(b)(4) §63.11(b)(1)-(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(7)(i)

	TEMPFLR	OPUA7	63A-004	VOC	MACT A	§63.11(b)(4) §63.11(b)(1)-(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(7)(ii)
	TEMPFLR	OPUA7	63A-005	VOC	MACT A	§63.11(b)(4) §63.11(b)(1)-(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(7)(iii)
	TEMPFLR	OPUA7	63A-006	VOC	MACT A	§63.11(b)(4) §63.11(b)(1)-(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(7)(i)
	FUG	OPUA12	63H-ALL	HAPS	MACT H	§63.11(b), [G]§63.163, [G]§63.164, [G] §63.165, [G] §63.166, [G] §63.167, §63.162(a), (c), [G](f)-(g), (h) [G]§63.168 [G]§63.169 [G]§63.170 [G]§63.171 [G]§63.172(a), §63.172(c), §63.172(d), §63.172(e), [G]§63.172(h), (i), §63.172(m) §63.172(j)(1)-(2), [G]§63.173 [G]§63.174 [G]§63.175 [G]§63.176 [G]§63.172(j)(4) [G] 63.108
	FUG	OPUA12	60VVA-001	VOC	NSPS VVa	§60.480a(e)(2)(i) §60.480a(e)(2)(ii) §60.482-1a(a) §60.482-1a(b) §60.485a(f) §60.486a(a)(1)-(2), (k)
	CTW	OPUA15	R1111-001	PM	Chapter 111	§111.111(a)(1)(C), §111.111(a)(1)(E)

	GRPTOPVHDR	OPUA15	R5122-001	VOC	Chapter 115	§115.122(c)(1) §115.121(c)(1) §115.122(c)(1)(A)
	GRPTOPVHDR	OPUA15	63GPV-001, 63GPV-004, 63GPV-006	HAPS	MACT G	[G] §63.113(a)(2) §63.113(h) [G] §63.115(f) [G] §63.113(a)(4) [G] §63.114(d)(3)
	GRPTOPVHDR	OPUA15	63GPV-011, 63GPV-014, 63GPV-016	HAPS	MACT G	[G] §63.113(a)(2), §63.113(h), [G] §63.115(f) [G] §63.113(a)(4) [G] §63.114(d)(3)
	GRPFLRPVHDR	OPUA15	R5122-002	VOC	Chapter 115	§115.122(c)(1) §115.121(c)(1) §115.122(c)(1)(B)
	GRPFLRPVHDR	OPUA15	63GPV-002, 63GPV-005, 63GPV-007	HAPS	MACT G	[G] §63.113(a)(1) §63.11 §63.113(h) [G] §63.115(f) [G] 63.108 [G] §63.113(a)(4) [G] §63.114(d)(3)
	GRPFLRPVHDR	OPUA15	63GPV-012, 63GPV-015, 63GPV-017	HAPS	MACT G	[G] §63.113(a)(1), §63.11, §63.113(h), [G] §63.115(f) [G] 63.108, [G] §63.113(a)(4) [G] §63.114(d)(3)
	TFLRPVHDR	OPUA15	63GPV-008, 63GPV-009, 63GPV-0010	HAPS	MACT G	[G] §63.113(a)(1) §63.11 §63.113(h) [G] §63.115(f) [G] 63.108 [G] §63.113(a)(4) [G] §63.114(d)(3)
	CASPVHDR	OPUA15	63GPV-018, 63GPV-019, 63GPV-020	HAPS	MACT G	[G] §63.113(a)(2) §63.113(h) [G] §63.115(f) [G] §63.113(a)(4) [G] §63.114(d)(3)
	FLRFOPVHDR	OPUA15	R5122-002	VOC	Chapter 115	§115.122(c)(1) §115.121(c)(1) §115.122(c)(1)(B)

	FLRFOPVHDR	OPUA15	63GPV-003	HAPS	MACT G	[G] §63.113(a)(1) §63.11 §63.113(h) [G] §63.115(f) [G] 63.108 [G] §63.113(a)(4) [G] §63.114(d)(3)
	FLRFOPVHDR	OPUA15	63GPV-013	HAPS	MACT G	[G] §63.113(a)(1), §63.11, §63.113(h), [G] §63.115(f) [G] 63.108, [G] §63.113(a)(4) [G] §63.114(d)(3)
	MMA_CMPU	OPUA60	63F-001	HAPS	MACT F	§63.100(b) [G]§63.102(a), [G](c) §63.105(d), §63.104(a), [G](d) §63.104(e), (e)(1), [G](e)(2)
	FORM_CMPU	OPUA60	63F-001	HAPS	MACT F	63.100(b) [G]§63.102(a), [G](c) §63.105(d), §63.104(a), [G](d) §63.104(e), (e)(1), [G](e)(2)
	MAINTVT	OPUA1	63GMVT-001	HAPS	MACT G	[G] 63.113(k)
	PRD	OPUA1	63HPRD-001	HAPS	MACT H	[G] 63.165(a), [G] 63.165(b), [G] 63.165(c), [G] 63.165(d), [G] 63.165(e)
	V-0765	OPUA3	63GTKWW1	HAPS	MACT G	§63.133(a)(1)
	V-3510	OPUA3	63GTKWW1	HAPS	MACT G	§63.133(a)(1)
	V-4500	OPUA3	63GTKWW1	HAPS	MACT G	§63.133(a)(1)
	V-4525	OPUA3	63GTKWW1	HAPS	MACT G	§63.133(a)(1)

	INCINTREAT	OPUA58	63GWWTREAT1	HAPS	MACT G	§63.138(e)(1) [G]§63.132(f) [G]§63.138(k) §63.140(a)-(c) §63.144(a) §63.145(d)(9)
	RCRATREAT	OPUA58	63GWWTREAT2	HAPS	MACT G	§63.138(h) [G]§63.132(f) §63.138(h)(1), (h)(2)(i)-(ii), (h)(3) [G]§63.138(k) §63.140(a)-(c) §63.144(a)
	INCINTREAT	OPUA58	63GWWTREAT3	HAPS	MACT G	§63.138(e)(1) [G]§63.132(f) [G]§63.138(k) §63.140(a)-(c) §63.144(a) §63.145(d)(9)
	RCRATREAT	OPUA58	63GWWTREAT4	HAPS	MACT G	§63.138(h) [G]§63.132(f) §63.138(h)(1), (h)(2)(i)-(ii), (h)(3) [G]§63.138(k) §63.140(a)-(c) §63.144(a)

Applicable Requirements Summary

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Federal Operating Permit Program

Table 1b: Additions

Date: 8/8/2024			Regulated Entity No.: RN111258877			
Company Name: Roehm America LLC			Area Name: Roehm America Bay City Site			
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	EGEN1	63ZZZZ-001	HAPS	None	None	§63.6645(f)
	EGEN1	60IIII-001	NMHC+NOx	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	EGEN1	60IIII-001	CO	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	EGEN1	60IIII-001	PM	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	EGEN1	60IIII-001	Opacity	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	V-0130	60KB-001	VOC	§60.116b(a)-(b), [G] §60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e),(e)(1),[G](e)(3)	§60.115b, §60.116b(a)-(b), [G] §60.115b(c)	§60.115b, §60.113b(c)(1)
	V-0130	60KB-006	VOC	§60.116b(a)-(b), [G] §60.485(b), 60.113b(d), 60.116b(e),(e)(1),[G](e)(3)	§60.115b, §60.116b(a)-(b), 60.115b(d)(2)	§60.115b, §60.115b(d)(1), (d)(3)
	S-4600	60KB-003	VOC	§60.116b(a)-(b), [G] §60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e),(e)(1),[G](e)(3)	§60.115b, §60.116b(a)-(b), [G] §60.115b(c)	§60.115b, §60.113b(c)(1)
	S-4600	60KB-007	VOC	§60.116b(a)-(b), [G] §60.485(b), §60.113b(d), 60.116b(e),(e)(1),[G](e)(3)	§60.115b, §60.116b(a)-(b), §60.115b(d)(2)	§60.115b, §60.115b(d)(1), (d)(3)
	V-0130	R5112-002	VOC	None	None	None
	V-0130	R5112-005	VOC	None	None	None
	V-4500	R5112-003	VOC	None	None	None
	V-4525	R5112-006	VOC	None	None	None
	V-4500	R5112-003	VOC	None	None	None
	V-4525	R5112-006	VOC	None	None	None
	V-0765	R5112-003	VOC	None	None	None
	V-0765	R5112-006	VOC	None	None	None

	GRPTKG	63GTK-001	HAPS	[G]§63.148(c), (g), (g)(2), §63.148(h), (h)(2), §63.148(b)(1)(ii), §63.148(f)(1), §63.120(d)(1), (d)(1)(ii) §63.120(d)(1)(ii)(A), (d)(5), (d)(6) [G] §63.148(f)(4)	§63.123(a), [G](f)(2), [G]§63.152(a), §63.148(g)(2), (h)(2), (i)(1), §63.148(i)(2), [G](i)(4), (i)(5), §63.148(i)(6) §63.148(f)(1), (i)(3)(i) §63.123(f)(1) §63.152(f)(7)(vi)	[G] §60.122(g)(1), §63.151(a)(7), [G](b), [G](j), [G] §63.152(a), (b), [G](b)(1), §63.152(b)(4), (c)(1), (c)(2), §63.152(c)(2)(i), [G](c)(2)(ii), §63.152(c)(2)(iii), (c)(3), (c)(3)(i), §63.152(c)(4)(ii), [G](c)(6), §63.148(j), §63.148(j)(2) §63.120(d)(1)(ii)(B) §63.120(d)(2), (d)(2)(i) [G]§63.120(d)(2)(iii) §63.120(d)(3), (d)(3)(i) §63.120(d)(3)(ii) §63.120(d)(4) §63.122(b) §63.122(c)(1) [G]§63.122(g)(2) §63.152(h)
	GRPTKG	63GTK-003	HAPS	[G]§63.148(c), (g), (g)(2), §63.148(h), (h)(2), §63.148(b)(1)(ii), §63.148(f)(2), §63.120(d)(1), (d)(1)(ii) §63.120(d)(1)(ii)(A), (d)(5), (d)(6) [G] §63.148(f)(4)	§63.123(a), [G](f)(2), [G]§63.152(a), §63.148(g)(2), (h)(2), (i)(1), §63.148(i)(2), [G](i)(4), (i)(5), §63.148(i)(6) §63.148(i)(3)(ii) §63.123(f)(1) §63.152(f)(7)(vi)	[G] §60.122(g)(1), §63.151(a)(7), [G](b), [G](j), [G] §63.152(a), (b), [G](b)(1), §63.152(b)(4), (c)(1), (c)(2), §63.152(c)(2)(i), [G](c)(2)(ii), §63.152(c)(2)(iii), (c)(3), (c)(3)(i), §63.152(c)(4)(ii), [G](c)(6), §63.148(j), §63.148(j)(3) §63.120(d)(1)(ii)(B) §63.120(d)(2), (d)(2)(i) [G]§63.120(d)(2)(iii) §63.120(d)(3), (d)(3)(i) §63.120(d)(3)(ii) §63.120(d)(4) §63.122(b) §63.122(c)(1) [G]§63.122(g)(2) §63.152(h)
	GRPTKG	63GTK-002	HAPS	[G]§63.148(c), (g), (g)(2), §63.148(h), (h)(2), §63.148(b)(1)(ii), §63.148(f)(1), §63.120(e)(1), (e)(4) §63.120(e)(5) [G] §63.148(f)(4)	§63.123(a), [G](f)(2), [G]§63.152(a), §63.148(g)(2), (h)(2), (i)(1), §63.148(i)(2), [G](i)(4), (i)(5), §63.148(i)(6) §63.148(f)(1), (i)(3)(i) §63.123(f)(1) §63.152(f)(7)(vi)	[G] §60.122(g)(1), §63.151(a)(7), [G](b), [G](j), [G] §63.152(a), (b), [G](b)(1), §63.152(b)(4), (c)(1), (c)(2), §63.152(c)(2)(i), [G](c)(2)(ii), §63.152(c)(2)(iii), (c)(3), (c)(3)(i), §63.152(c)(4)(ii), [G](c)(6), §63.148(j), §63.148(j)(2) §63.120(e)(2), §63.122(c)(2), [G]§63.122(g)(3) 63.152(b)(7) §63.152(h)

	GRPTKG	63GTK-004	HAPS	[G]§63.148(c), (g), (g)(2), §63.148(h), (h)(2), §63.148(b)(1)(ii), §63.148(f)(2), §63.120(e)(1), (c)(4) §63.120(e)(5) [G] §63.148(f)(4)	§63.123(a), [G](f)(2), [G]§63.152(a), §63.148(g)(2), (h)(2), (i)(1), §63.148(i)(2), [G](i)(4), (i)(5), §63.148(i)(6) §63.148(i)(3)(ii) §63.123(f)(1) §63.152(f)(7)(vi)	[G] §60.122(g)(1), §63.151(a)(7), [G](b), [G](j), [G] §63.152(a), (b), [G](b)(1), §63.152(b)(4), (c)(1), (c)(2), §63.152(c)(2)(i), [G](c)(2)(ii), §63.152(c)(2)(iii), (c)(3), (c)(3)(i), §63.152(c)(4)(ii), [G](c)(6), §63.148(j), §63.148(j)(3) §63.120(e)(2), §63.122(c)(2), [G]§63.122(g)(3) §63.152(b)(7) §63.152(h)
	GRPTKG	63GTK-005	HAPS	[G]§63.148(c), (g), (g)(2), §63.148(h), (h)(2), §63.148(b)(1)(ii), §63.148(f)(2), §63.120(e)(1), (c)(4) §63.120(e)(5) [G] §63.148(f)(4)	§63.123(a), [G](f)(2), [G]§63.152(a), §63.148(g)(2), (h)(2), (i)(1), §63.148(i)(2), [G](i)(4), (i)(5), §63.148(i)(6) §63.148(i)(3)(ii) §63.123(f)(1) §63.152(f)(7)(vi)	[G] §60.122(g)(1), §63.151(a)(7), [G](b), [G](j), [G] §63.152(a), (b), [G](b)(1), §63.152(b)(4), (c)(1), (c)(2), §63.152(c)(2)(i), [G](c)(2)(ii), §63.152(c)(2)(iii), (c)(3), (c)(3)(i), §63.152(c)(4)(ii), [G](c)(6), §63.148(j), §63.148(j)(3) §63.120(e)(2), §63.122(c)(2), [G]§63.122(g)(3) §63.152(b)(7) §63.152(h)
	GRPTKG	63GTK-006	HAPS	[G]§63.148(c), (g), (g)(2), §63.148(h), (h)(2), §63.148(b)(1)(ii), §63.148(f)(2), §63.120(d)(1), (d)(1)(iii) §63.120(d)(1)(ii)(A), (d)(5), (d)(6) [G] §63.148(f)(4) [G]§63.120(d)(1)(iii)	§63.123(a), [G](f)(2), [G]§63.152(a), §63.148(g)(2), (h)(2), (i)(1), §63.148(i)(2), [G](i)(4), (i)(5), §63.148(i)(6) §63.148(i)(3)(ii) §63.123(f)(1) §63.152(f)(7)(vi), §63.123(j) [G]§63.120(d)(1)(iii)	[G] §60.122(g)(1), §63.151(a)(7), [G](b), [G](j), [G] §63.152(a), (b), [G](b)(1), §63.152(b)(4), (c)(1), (c)(2), §63.152(c)(2)(i), [G](c)(2)(ii), §63.152(c)(2)(iii), (c)(3), (c)(3)(i), §63.152(c)(4)(ii), [G](c)(6), §63.148(j), §63.148(j)(3) §63.120(d)(1)(ii)(B) §63.120(d)(2), (d)(2)(i) [G]§63.120(d)(2)(iii) §63.120(d)(3), (d)(3)(i) §63.120(d)(3)(ii) §63.120(d)(4) §63.122(b) §63.122(c)(1) [G]§63.122(g)(2) §63.152(h) [G]§63.120(d)(1)(iii), [G]§63.152(b)(9)
	TK_LOAD_MMA	R5211-001	VOC	§115.214(b)(1)(A), §115.214(b)(1)(A)(i), §115.215, (4)	§115.216, (2), §115.216(3)(B)	None

	TK_LOAD_MMA	63GLD-001	HAPS	None	§63.130(f), (f)(1)-(3) §63.130(f)(3)(i)-(iii)	§63.152(c)(4)(iii)
	TK_LOAD_FORM	R5211-001	VOC	§115.214(b)(1)(A), §115.214(b)(1)(A)(i), §115.215, (4)	§115.216, (2), §115.216(3)(B)	None
	TK_LOAD_FORM	63GLD-001	HAPS	None	§63.130(f), (f)(1)-(3) §63.130(f)(3)(i)-(iii)	§63.152(c)(4)(iii)
	TK_UNLD_DMA	R5211-002	VOC	§115.212(b)(3)(B), [G]§115.212(b)(3)(C), §115.214(b)(1)(A), §115.214(b)(1)(A)(i)- (iii)	§115.216, §115.216(3)(A), (3)(A)(i), (3)(A)(iii)	None
	TK_UNLD_ACETIC	R5211-003	VOC	§115.214(b)(1)(A), §115.214(b)(1)(A)(i), §115.215, (4)	§115.216, (2), §115.216(3)(B)	None
	TK_LOAD_WW	R5211-001	VOC	§115.214(b)(1)(A), §115.214(b)(1)(A)(i), §115.215, (4)	§115.216, (2), §115.216(3)(B)	None
	TO_PROCESS	R200-001	SO2	§112.2(a)	§112.2(e)	§112.2(b)
	TO_PROCESS	R1121-001	PM	[T][G]§111.125, §111.127(a)	§111.127(a), (b)	None
	TO_PROCESS	R1121-001	HCL	[T][G]§111.125, §111.127(a)	§111.127(a), (b)	None
	TO_PROCESS	R1121-001	CO	[T][G]§111.125, §111.127(a)	§111.127(a), (b)	None
	TO_PROCESS	R1121-001	PM (Opacity)	[T][G]§111.125, §111.127(a)	§111.127(a), (b)	None
	TO_PROCESS	60DB-002	SO2	§60.47b(f)	§60.45b(k), §60.49b(o), §60.49b(r), (r)(1)	§60.49b(a), (a)(1), §60.49b(r), (r)(1)
	TO_PROCESS	60DB-002	PM	None	[G]§60.49b(d), (o)	§60.49b(a), (a)(1), (a)(3)
	TO_PROCESS	60DB-002	PM (Opacity)	None	[G]§60.49b(d), (o)	§60.49b(a), (a)(1), (a)(3)
	TO_PROCESS	60DB-002	NOX	§60.46b(c), [T]§60.46b(e), [T](e)(1), (e)(3) [G]§60.48b(b), (c)-(e) [G]§60.48b(e)(2), (e)(3), (f)	[G]§60.49b(d), (o), [G]§60.48b(b), (c) [G]§60.49b(g)	§60.49b(a), (a)(1), (a)(3), (b), §60.49b(h), (i), (v), (w)
	TO_PROCESS	60CCCC-001	Cadmium	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), 60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4

TO_PROCESS	60CCCC-001	CO	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(g), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, [G]§60.2165(o), §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
TO_PROCESS	60CCCC-001	Dioxins/Furans	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
TO_PROCESS	60CCCC-001	Fugitive Ash	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
TO_PROCESS	60CCCC-001	HCL	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160, [G]§60.2165(r)	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
TO_PROCESS	60CCCC-001	PB	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
TO_PROCESS	60CCCC-001	Mercury	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4

	TO_PROCESS	60CCCC-001	NOX	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), [G] §60.2145(l), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160, [G]§60.2165(k)	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
	TO_PROCESS	60CCCC-001	PM	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2145(x), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160, [G]§60.2165(r)	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
	TO_PROCESS	60CCCC-001	SO2	[G]§60.2125, [G]§60.2135, [G]§60.2140, [G]§60.2141, §60.2145(b), §60.2145(c), §60.2145(e), §60.2145(f), §60.2145(h), §60.2145(i), [G] §60.2145(k), §60.2165(c), §60.2165(h), §60.2165(p), [G] §60.2170, §60.2165(p), §60.2130, [G]§60.2145(l), §60.2145(v), §60.2150, §60.2151, [G]§60.2155, [G]§60.2160	[G]§60.2095, §60.2175(a), §60.2175(b)(1), §60.2175(b)(5), §60.2175(e) - (u), §60.2180	[G]§60.2060, [G]§60.2115, [G]§60.2145(l), §60.2185, [G]§60.2190, [G]§60.2195, [G]§60.2100, [G]§60.2200, §60.2205, [G]§60.2210, [G]§60.2215, [G]§60.2220, [G]§60.2225, §[G]60.2230, [G]§60.2235, Table 4
	TO_PROCESS	R1111-001	PM	[G]§111.111(a)(1)(F)	None	None
	Z-4810	60DB-001	SO2	§60.47b(f)	§60.45b(k), §60.49b(o), §60.49b(r), (r)(1)	§60.49b(a), (a)(1), §60.49b(r), (r)(1)
	Z-4810	60DB-001	PM	None	[G]§60.49b(d), (o)	§60.49b(a), (a)(1), (a)(3)
	Z-4810	60DB-001	PM (Opacity)	None	[G]§60.49b(d), (o)	§60.49b(a), (a)(1), (a)(3)
	Z-4810	60DB-001	NOX	§60.46b(c), [T]§60.46b(e), [T](e)(1), (e)(4) [G]§60.48b(b), (c)-(e) [G]§60.48b(e)(2), (e)(3), §60.48b(f), (g)(1)	[G]§60.49b(d), (o), [G]§60.48b(b), (c) [G]§60.49b(g)	§60.49b(a), (a)(1), (a)(3), (b), §60.49b(h), (h)(4), (i), (v), (w)
	Z-4810	63DDDD-001	HAPS	§63.7510(g), §63.7515(d), §63.7525(a)(7), §63.7540(a), [G](a)(10)	§63.7555(a), (a)(1), §63.7560(a)-(c)	§63.7530(e), (f), §63.7545(a)-(c), [G](e)-(f), §63.7550(a), [G](b)-(c), [G](h)
	Z-4810	R1111-001	PM	[G]§111.111(a)(1)(F)	None	None
	Z-4820	60DB-001	SO2	§60.47b(f)	§60.45b(k), §60.49b(o), §60.49b(r), (r)(1)	§60.49b(a), (a)(1), §60.49b(r), (r)(1)
	Z-4820	60DB-001	PM	None	[G]§60.49b(d), (o)	§60.49b(a), (a)(1), (a)(3)
	Z-4820	60DB-001	PM (Opacity)	None	[G]§60.49b(d), (o)	§60.49b(a), (a)(1), (a)(3)

Z-4820	60DB-001	NOX	§60.46b(c), [T]§60.46b(e), [T](e)(1), (e)(4) [G]§60.48b(b), (c)-(e) [G]§60.48b(e)(2), (e)(3), §60.48b(f), (g)(1)	[G]§60.49b(d), (o), [G]§60.48b(b), (c) [G]§60.49b(g)	§60.49b(a), (a)(1), (a)(3), (b), §60.49b(h), (h)(4), (i), (v), (w)
Z-4820	63DDDD-001	HAPS	§63.7510(g), §63.7515(d), §63.7525(a)(7), §63.7540(a), [G](a)(10)	§63.7555(a), (a)(1), §63.7560(a)-(c)	§63.7530(e), (f), §63.7545(a)-(c), [G](e)-(f), §63.7550(a), [G](b)-(c), [G](h)
Z-4820	R1111-001	PM	[G]§111.111(a)(1)(F)	None	None
FLR	63CC-001	HAPS	§63.670(b)-(c), (d)(2), (e), (g), [G](h)-(k), [G](l), [G](m), [G]§63.671(a)-(e)	[G]§63.670(h)-(j), [G]§63.670(o)(1), [G](o)(5), (o)(6), (p), [G]§63.671(a)-(b)	[G]§63.670(h), [G]§63.670(j), [G]63.670(l), [G](o)(2), (q)
FLR	63CC-002	HAPS	§63.670(b)-(c), (d)(1), (e), (g), [G](h)-(k), [G](m), [G]§63.671(a)-(e)	[G]§63.670(h)-(j), [G]§63.670(o)(1), [G](o)(5), (o)(6), (p), [G]§63.671(a)-(b)	[G]§63.670(h), [G]§63.670(j), [G](o)(2), (q)
TEMPFLR	63CC-003	HAPS	§63.670(b)-(c), (d)(2), (e), (g), [G](h)-(k), [G](l), [G](m), [G]§63.671(a)-(e)	[G]§63.670(h)-(j), [G]§63.670(o)(1), [G](o)(5), (o)(6), (p), [G]§63.671(a)-(b)	[G]§63.670(h), [G]§63.670(j), [G]63.670(l), [G](o)(2), (q)
TEMPFLR	63CC-004	HAPS	§63.670(b)-(c), (d)(1), (e), (g), [G](h)-(k), [G](m), [G]§63.671(a)-(e)	[G]§63.670(h)-(j), [G]§63.670(o)(1), [G](o)(5), (o)(6), (p), [G]§63.671(a)-(b)	[G]§63.670(h), [G]§63.670(j), [G](o)(2), (q)
FLR	R1111-001	PM	[T]§111.111(a)(4)(A)(i) §111.111(a)(4)(A)(iii)	§111.111(a)(4)(A)(ii)	None
FLR	60A-001	VOC	§60.18(d) [T]§60.18(f)(1), (f)(2) [T]§60.18(f)(3) [T]§60.18(f)(4)	None	None
FLR	60A-002	VOC	§60.18(d) [T]§60.18(f)(1), (f)(2) [T]§60.18(f)(3) [T]§60.18(f)(4), [T](f)(5)	None	None
FLR	60A-003	VOC	§60.18(d) [T]§60.18(f)(1), (f)(2) [T]§60.18(f)(3) [T]§60.18(f)(4)	None	None
FLR	63A-001	VOC	§63.11(b)(4)-(5) §63.11(b)(7)(i)	None	None
FLR	63A-002	VOC	§63.11(b)(4)-(5) §63.11(b)(7)(i)	None	None
FLR	63A-003	VOC	§63.11(b)(4)-(5) §63.11(b)(7)(i)	None	None
TEMPFLR	63A-004	VOC	§63.11(b)(4)-(5) §63.11(b)(7)(i)	None	None
TEMPFLR	63A-005	VOC	§63.11(b)(4)-(5) §63.11(b)(7)(i)	None	None

	TEMPFLR	63A-006	VOC	§63.11(b)(4)-(5) §63.11(b)(7)(i)	None	None
	FUG	63H-ALL	HAPS	[G]§63.163 [G]§63.164 [G]§63.165 [G]§63.168 [G]§63.169, §63.172(e), [G]§63.172(f)(1), [G](f)(2), (g), [G](h), [G]§63.172(j)(1)-(2), [G](k), [G](l) [G]§63.173 [G]§63.174 [G]§63.175 [G]§63.176 [G]§63.180(b), [G](c), [G](d), [G](e)	§63.181(a), [G](b), (c), [G](d), [G] §63.181(f), (g), §63.181(g)(1)(i), (ii), (iii),(iv), [G](g)(2), [G](g)(3), §63.181(h), [G](h)(1)-(3), §63.181(h)(4), [G](h)(5), §63.181(h)(6)-(8), [G]§63.181(i), (j) §63.118(a)(3), §63.172(j)(1) [G]§63.172(k), [G](l) §63.118(a)(5)	[G]§63.182(a), [G](b), (c) [G]§63.182(c)(1), (c)(4), [G](d)
	FUG	60VVA-001	VOC	[G]§60.485a(d)-(e)	§60.486a(i), (i)(1)-(3)	None
	CTW	R1111-001	PM	[G]§111.111(a)(1)(F)	None	None
	GRPTOPVHDR	R5122-001	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2)	None
	GRPTOPVHDR	63GPV-001, 63GPV-004, 63GPV-006	HAPS	[G]§63.115(f) [G]§63.116(c) §63.114(a), (a)(1)(i), (e) §63.114(d)(1)	[G]§63.152(a) §63.117(a)(4), (a)(4)(i)-(ii) §63.114(a)(1) §63.118(a)(1), (a)(2) [G]§63.152(f) §63.114(d)(1) §63.118(a)(3) §63.118(a)(5), §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1) §63.151(e)(2), (e)(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6) §63.152(c)(3), (c)(3)(i)-(ii) §63.117(a)(4), (a)(4)(i)-(ii) §63.152(c)(2), (c)(2)(i) [G]§63.152(c)(2)(ii), (c)(2)(iii) §63.114(e) §63.117(f) [G]§63.152(b)(2) §63.118(f)(1), (f)(2), (f)(3) §63.118(f)(7), §63.152(h)
	GRPTOPVHDR	63GPV-011, 63GPV-014, 63GPV-016	HAPS	[G]§63.115(f), [G]§63.116(c), §63.114(a), (a)(1)(i), (e) §63.114(d)(2)	[G]§63.152(a), §63.117(a)(4), (a)(4)(i)-(ii), §63.114(a)(1), §63.118(a)(1), (a)(2), [G]§63.152(f), §63.118(a)(4) §63.118(a)(5), §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1), §63.151(e)(2), (e)(3), [G](j), [G]§63.152(a), (b), [G](b)(1), §63.152(c)(1), (c)(4)(ii), [G](c)(6), §63.152(c)(3), (c)(3)(i)-(ii), §63.117(a)(4), (a)(4)(i)-(ii), §63.152(c)(2), (c)(2)(i), [G]§63.152(c)(2)(ii), (c)(2)(iii), §63.114(e), §63.117(f), [G]§63.152(b)(2), §63.118(f)(1), §63.118(f)(2), (f)(4) §63.118(f)(7), §63.152(h)
	GRPFLRPVHDR	R5122-002	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2)	None
	GRPFLRPVHDR	63GPV-002, 63GPV-005, 63GPV-007	HAPS	[G]§63.115(f) [G]§63.116(a) §63.114(a), (a)(2) §63.114(d)(1)	[G]§63.152(a) [G]§63.117(a)(5) §63.118(a)(1), (a)(2) [G]§63.152(f) §63.114(d)(1) §63.118(a)(3) §63.118(a)(5) §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1) §63.151(e)(2), (e)(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6) [G]§63.117(a)(5), (f) [G]§63.152(b)(2), (c)(2), (c)(2)(i) [G]§63.152(c)(2)(ii), (c)(2)(iii) §63.118(f)(2), (f)(5), (f)(3) §63.118(f)(7), §63.152(b)(7), §63.152(h)

	GRPFLRPVHDR	63GPV-012, 63GPV-015, 63GPV-017	HAPS	[G]§63.115(f), [G]§63.116(a), §63.114(a), (a)(2), §63.114(d)(2)	[G]§63.152(a), [G]§63.117(a)(5), §63.118(a)(1), (a)(2), [G]§63.152(f), §63.118(a)(4) §63.118(a)(5), §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1), §63.151(e)(2), (e)(3), [G](j), [G]§63.152(a), (b), [G](b)(1), §63.152(c)(1), (c)(4)(ii), [G](c)(6), [G]§63.117(a)(5), (f), [G]§63.152(b)(2), (c)(2), (c)(2)(i), [G]§63.152(c)(2)(ii), (c)(2)(iii), §63.118(f)(2), (f)(5), (f)(4) §63.118(f)(7), §63.152(b)(7), §63.152(h)
	TFLRPVHDR	63GPV-008, 63GPV-009, 63GPV-010	HAPS	[G]§63.115(f) [G]§63.116(a) §63.114(a), (a)(2) §63.114(d)(2)	[G]§63.152(a) [G]§63.117(a)(5) §63.118(a)(1), (a)(2) [G]§63.152(f) §63.118(a)(4) §63.118(a)(5) §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1) §63.151(e)(2), (e)(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6) [G]§63.117(a)(5), (f) [G]§63.152(b)(2), (c)(2), (c)(2)(i) [G]§63.152(c)(2)(ii), (c)(2)(iii) §63.118(f)(2), (f)(5), (f)(4) §63.118(f)(7), §63.152(b)(7), §63.152(h)
	CASPVHDR	63GPV-018, 63GPV-019, 63GPV-020	HAPS	[G]§63.115(f) [G]§63.116(c) §63.114(a)(5), (e) §63.114(b), (b)(3), §63.114(c)(3) §63.114(d)(2) [G] 63.114(a)(5)(v)	[G]§63.152(a) §63.118(a)(1), (a)(2), (a)(4) [G]§63.152(f) §63.114(b), (b)(3), §63.114(c)(3) §63.118(a)(5) §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1) §63.151(e)(2), (e)(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6), (c)(3), (c)(3)(i)-(ii) [G]§63.114(e) , §63.114(c)(3) [G]§63.152(b)(2), (c)(2), (c)(2)(i) [G]§63.152(c)(2)(ii), (c)(2)(iii) §63.118(f)(1), (2), (4) §63.118(f)(7) §63.152(h) [G]§63.152(b)(9)
	FLRFOPVHDR	R5122-002	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2)	None
	FLRFOPVHDR	63GPV-003	HAPS	[G]§63.115(f) [G]§63.116(a) §63.114(a), (a)(2) §63.114(d)(1)	[G]§63.152(a) [G]§63.117(a)(5) §63.118(a)(1), (a)(2) [G]§63.152(f) §63.114(d)(1) §63.118(a)(3) §63.118(a)(5), §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1) §63.151(e)(2), (e)(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6) [G]§63.117(a)(5), (f) [G]§63.152(b)(2), (c)(2), (c)(2)(i) [G]§63.152(c)(2)(ii), (c)(2)(iii) §63.118(f)(2), (f)(5), (f)(3) §63.118(f)(7), §63.152(b)(7), §63.152(h)
	FLRFOPVHDR	63GPV-013	HAPS	[G]§63.115(f), [G]§63.116(a), §63.114(a), (a)(2), §63.114(d)(2)	[G]§63.152(a), [G]§63.117(a)(5), §63.118(a)(1), (a)(2), [G]§63.152(f), §63.118(a)(4) §63.118(a)(5), §63.152(f)(7)(vi)	[G]§63.151(b), (e), [G](e)(1), §63.151(e)(2), (e)(3), [G](j), [G]§63.152(a), (b), [G](b)(1), §63.152(c)(1), (c)(4)(ii), [G](c)(6), [G]§63.117(a)(5), (f), [G]§63.152(b)(2), (c)(2), (c)(2)(i), [G]§63.152(c)(2)(ii), (c)(2)(iii), §63.118(f)(2), (f)(5), (f)(4) §63.118(f)(7), §63.152(b)(7), §63.152(h)
	MMA_CMPU	63F-001	HAPS	[T]§63.103(b)(1), [T](b)(3), [T](b)(4) [T][G]§63.103(b)(5), [T](b)(6) [G]§63.104(b) [G]63.104(g)-(j)	[G]§63.103(c) [G]§63.105(b), (c), (e) [G]§63.104(e)(2), [G](f)(1) [G]63.104(f)(3)	§63.103(b)(2), [G](b)(5), [G](d) [G]§63.104(f)(2)
	FORM_CMPU	63F-001	HAPS	[T]§63.103(b)(1), [T](b)(3), [T](b)(4) [T][G]§63.103(b)(5), [T](b)(6) [G]§63.104(b) [G]63.104(g)-(j)	[G]§63.103(c) [G]§63.105(b), (c), (e) [G]§63.104(e)(2), [G](f)(1) [G]63.104(f)(3)	§63.103(b)(2), [G](b)(5), [G](d) [G]§63.104(f)(2)
	MAINTVT	63GMVT-001	HAPS	[G] §63.113(k)	[G] §63.118(m)	§63.118(f), [G](f)(9)

	PRD	63HPRD-001	HAPS	[G] §63.165(e)	§63.181(b)(11)	§63.182(c)(5), §63.182(d)(2)(xviii)
	V-0765	63GTKWW1	HAPS	None	None	§63.146(b)(2), (b)(5) [G]§63.151(a)(6), [G](b), (e), [G](e)(1) §63.151(e)(2), [G](j) [G]§63.152(a), (b), [G](b)(1) [G]§63.152(c)(1) §63.152(c)(4)(ii) §63.152(h)
	V-3510	63GTKWW1	HAPS	None	None	§63.146(b)(2), (b)(5) [G]§63.151(a)(6), [G](b), (e), [G](e)(1) §63.151(e)(2), [G](j) [G]§63.152(a), (b), [G](b)(1) [G]§63.152(c)(1) §63.152(c)(4)(ii) §63.152(h)
	V-4500	63GTKWW1	HAPS	None	None	§63.146(b)(2), (b)(5) [G]§63.151(a)(6), [G](b), (e), [G](e)(1) §63.151(e)(2), [G](j) [G]§63.152(a), (b), [G](b)(1) [G]§63.152(c)(1) §63.152(c)(4)(ii) §63.152(h)
	V-4525	63GTKWW1	HAPS	None	None	§63.146(b)(2), (b)(5) [G]§63.151(a)(6), [G](b), (e), [G](e)(1) §63.151(e)(2), [G](j) [G]§63.152(a), (b), [G](b)(1) [G]§63.152(c)(1) §63.152(c)(4)(ii) §63.152(h)
	INCINTREAT	63GWWTREAT1	HAPS	§63.143(d), (g) §63.144(b), (b)(1)-(4) §63.144(b)(5), [G](b)(5)(i) §63.144(b)(5)(ii), [G](b)(5)(iii) §63.144(b)(5)(iv), (b)(6) §63.144(c), (c)(1)-(4) §63.138(j)(2) §63.145(a)(1) §63.145(a)(3) [G]§63.145(a)(4) §63.145(a)(5), [G](a)(6) §63.145(d)(1)-(9)	§63.147(b), (b)(7), (e) [G]§63.152(a), [G](f) §63.144(b)(3), (b)(4), (b)(5)(ii) §63.144(c)(1), (c)(2), (c)(3) §63.145(a)(3), [G](a)(4) §63.152(f)(7)(vi), §63.145(a)(10)	§63.143(d) §63.146(a) §63.146(b)(2), (b)(4)-(6), [G](b)(8) [G]§63.146(d), (f) [G]§63.151(b), (e), [G](e)(1) §63.151(e)(2)-(3), (e)(5) §63.151(f), (f)(1)-(3), (h), [G](j) [G]§63.152(a), (b), [G](b)(1), [G](b)(2) §63.152(b)(4), (c)(1), (c)(3) §63.152(c)(3)(i), (c)(3)(ii) §63.152(c)(4)(ii), [G](c)(6) §63.146(b)(9), (b)(9)(ii) §63.152(h)

	RCRATREAT	63GWWTREAT2	HAPS	§63.144(b), (b)(1)-(4) §63.144(b)(5), [G](b)(5)(i) §63.144(b)(5)(ii), [G](b)(5)(iii) §63.144(b)(5)(iv), (b)(6) §63.144(c), (c)(1)-(4)	§63.147(b), (b)(7) [G]§63.152(a), [G](f) §63.144(b)(3), (b)(4), (b)(5)(ii) §63.144(c)(1), (c)(2), (c)(3) §63.152(f)(7)(vi)	§63.146(b)(2), (b)(4)-(6) [G]§63.151(b), (e), [G](e)(1) §63.151(e)(2)-(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6) §63.152(h)
	INCINTREAT	63GWWTREAT3	HAPS	§63.143(d), (g) §63.138(j)(2) §63.145(a)(1) §63.145(a)(3) [G]§63.145(a)(4) §63.145(a)(5), [G](a)(6) §63.145(d)(1)-(9)	§63.147(b), (b)(7), (e) [G]§63.152(a), [G](f) §63.145(a)(3), [G](a)(4) §63.152(f)(7)(vi), §63.145(a)(10)	§63.143(d) §63.146(a) §63.146(b)(2), (b)(4)-(6), [G](b)(8) [G]§63.146(d), (f) [G]§63.151(b), (e), [G](e)(1) §63.151(e)(2)-(3), (e)(5) §63.151(f), (f)(1)-(3), (h), [G](j) [G]§63.152(a), (b), [G](b)(1), [G](b)(2) §63.152(b)(4), (c)(1), (c)(3) §63.152(c)(3)(i), (c)(3)(ii) §63.152(c)(4)(ii), [G](c)(6) §63.146(b)(9), (b)(9)(ii) §63.152(h)
	RCRATREAT	63GWWTREAT4	HAPS	None	§63.147(b), (b)(7) [G]§63.152(a), [G](f) §63.152(f)(7)(vi)	§63.146(b)(2), (b)(4)-(6) [G]§63.151(b), (e), [G](e)(1) §63.151(e)(2)-(3), [G](j) [G]§63.152(a), (b), [G](b)(1) §63.152(c)(1), (c)(4)(ii), [G](c)(6) §63.152(h)

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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN11258877	CN: CN605887744
Permit No.: TBA	Project No.: TBA	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRPTOPVHDR		
Applicable Form: OPUA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls		
SOP/GOP Index No.: R5122-002		
Pollutant: VOC		
Main Standard: 115.121(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-002		
Deviation Limit: Minimum Temperature = A minimum combustion temperature of 1697°F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO_PROCESS		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.:	RN No.: RN11258877	CN: CN605887744
Permit No.: TBA	Project No.: TBA	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRPFLRPVHDR, FLRFOPVHDR		
Applicable Form: OPUA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls		
SOP/GOP Index No.: R5122-003, R5122-004		
Pollutant: VOC		
Main Standard: 115.121(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FL-001		
Deviation Limit: Loss of pilot		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: FLR		
Control Device Type: FLARE		

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I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: TBA	Project No.: TBA	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: TO_PROCESS		
Applicable Form: OPUA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions and Particulate Matter		
SOP/GOP Index No.: R1111-001		
Pollutant: PM (Opacity)		
Main Standard: 111.111(a)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Maximum opacity – 15% averaged over six-minute period		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

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I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: TBA	Project No.: TBA	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: CTW		
Applicable Form: OPUA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions and Particulate Matter		
SOP/GOP Index No.: R1111-001		
Pollutant: PM (Opacity)		
Main Standard: 111.111(a)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Maximum opacity – 15% averaged over six-minute period		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

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I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: TBA	Project No.: TBA	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: Z-4810		
Applicable Form: OPUA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions and Particulate Matter		
SOP/GOP Index No.: R1111-001		
Pollutant: PM (Opacity)		
Main Standard: 111.111(a)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Maximum opacity – 15% averaged over six-minute period		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

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I. Identifying Information		
Account No.:	RN No.: RN111258877	CN: CN605887744
Permit No.: TBA	Project No.: TBA	
Area Name: Roehm America Bay City Site		
Company Name: Roehm America LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: Z-4820		
Applicable Form: OPUA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions and Particulate Matter		
SOP/GOP Index No.: R1111-001		
Pollutant: PM (Opacity)		
Main Standard: 111.111(a)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-001		
Deviation Limit: Maximum opacity – 15% averaged over six-minute period		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		