

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening 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: 109124057		CN: 606187110	Account No.: UB-A007-G
Permit No.: TBA		Project No.: TBA	
Area Name: Panther Gas Plant		Company Name: ET Gathering & Processing, LLC	
II. Certification Type <i>(Please mark the appropriate box)</i>			
<input type="checkbox"/> Responsible Official		<input checked="" type="checkbox"/> Duly Authorized Representative	
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>			
<input checked="" type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____			
IV. Certification of Truth			
This certification does not extend to information which is designated by the TCEQ as information for reference only.			
I, <u>Jarrold Westerman</u> certify that I am the <u>DAR</u> <div style="text-align: center;"><i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></div>			
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>03/31/2023</u> to <u>12/12/2024</u> <div style="text-align: center;"><i>Start Date</i> <i>End Date</i></div>			
Specific Dates: _____ <div style="text-align: center;"><i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></div>			
Signature: 		Signature Date: <u>12/11/2024</u>	
Title: <u>Director - Operations</u>			

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
12/10/2024	O4448	RN109124057

Unit ID	Registration Number	PBR No.	Registration Date
MAIN-ACT	156547	106.359	10/24/2022
COMP-BD	156547	106.359	10/24/2022
COMP-SS	156547	106.359	10/24/2022
MSS	156547	106.359	10/24/2022
FL-PL	156547	106.359	10/24/2022
FL-PL2	156547	106.359	10/24/2022
MAIN-ACT2	156547	106.359	10/24/2022

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
12/10/2024	O4448	RN109124057

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

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
12/10/2024	O4448	RN109124057

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
12/10/2024	O4448	RN109124057

Unit ID	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
MAIN-ACT	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
COMP-BD	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
COMP-SS	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
MSS	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
FL-PL	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
FL-PL2	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
MAIN-ACT2	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.

From: [Pina, Stephanie](#)
To: [Liam Lin](#)
Cc: [Kate Gross](#); [Josh Lee](#)
Subject: Re: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)
Date: Tuesday, December 10, 2024 9:16:28 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[image012.png](#)
[image013.png](#)

Thank you, Mr. Lin. We will complete the items below.

What is the physical address for your office? I only have a PO Box address for you.

Respectfully,

[Stephanie Piña](#)

Engineer – Environmental
WTX – Permian Plants & Field

O: 432.203.8915
C: 432.236.2362

From: Liam Lin <Liam.Lin@tceq.texas.gov>
Sent: Tuesday, December 10, 2024 8:16 AM
To: Pina, Stephanie <stephanie.pina@energytransfer.com>
Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>
Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Morning Stephanie,

There was an issue found with the application which is listed below.

- Form OP-PBRSUP - Units listed in Table D of form OP-PBRSUP should also be listed in Table B. When you submit form OP-PBRSUP please submit the full form including tables “A,B,C and D”, with the same date. If a table is not required, write N/A on the first line. Please Submit an updated Form OP-PBRSUP.
- Form OP-1 - Please confirm the information in Section XI. “Public Notice Contact Person” is still correct and current.
- Form OP-CRO1 - This project is now considered complete. At this time, I would like to ask for the form OP-CRO1 certifying the changes made to the application. Please fill out the Time Period from **03/31/2023** to **12/12/2024**. Please send me an electronic copy and the original, signed hardcopy.

Please submit the updated documents by Noon on **December 12, 2024**.

Thank you for your cooperation in this matter.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Pina, Stephanie <stephanie.pina@energytransfer.com>

Sent: Thursday, November 7, 2024 9:42 PM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good evening,

I do not have any further questions or comments. I approve of WDP V3.

Stephanie Piña

Engineer – Environmental
WTX – Permian Plants & Field

O: 432.203.8915

C: 432.236.2362

From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Tuesday, November 5, 2024 10:52 AM

To: Pina, Stephanie <stephanie.pina@energytransfer.com>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Morning Stephanie,

I am approving your request for extension. Your new deadline will be **Close of Business on Friday,**

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Pina, Stephanie <stephanie.pina@energytransfer.com>

Sent: Tuesday, November 5, 2024 10:25 AM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: Re: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good morning, Liam,

I'd like to request an extension to this Friday, November 8th if possible.

Thank you,

Stephanie Piña

Engineer – Environmental
WTX – Permian Plants & Field

O: 432.203.8915

C: 432.236.2362

From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Tuesday, November 5, 2024 7:56 AM

To: Pina, Stephanie <stephanie.pina@energytransfer.com>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Morning Stephanie,

I am checking in to see if there is any questions or comments on the email below? If you have no further questions or comments, please respond back to this email with your approval of the Working Draft Permit. Thanks

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Liam Lin

Sent: Wednesday, October 30, 2024 1:15 PM

To: Pina, Stephanie <stephanie.pina@energytransfer.com>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Working Draft Permit - 04448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Afternoon Stephanie,

Thank you for your email. Our technical specialist has reviewed your comments in regards to Unit ID AG-FL and AG-FL2. The paragraphs below in red is her response

Additional periodic monitoring is needed when the rule does not have sufficient monitoring requirements and/or monitoring frequency in the citations to satisfy the periodic monitoring requirement. The additional monitoring serves to expand upon the requirements in the rule to fill this gap but it does not replace the requirements in the rule. Per 111.111(a)(4), acid gas flares are required to comply with paragraph (1) of the subsection (111.111(a)). Then, based on the construction date for AG-FL and AG-FL2, the specific portion of 111.111(a) that applies is 111.111(a)(1)(B). Since 111.111(a)(1)(F) refers to “compliance with subparagraphs (A)-(C) of this paragraph”, it is connected 111.111(a)(1)(B) and must therefore remain. You are then choosing to use option PM-V-053 as your additional monitoring since the rule citations do not contain adequate language. It is not a conflict with 111.111(a)(1)(F) to conduct the method 22 observations as the first step in the monitoring option and the same is allowed for stationary vents under other options, as well as for vents addressed by the Special Terms and Conditions of our permits. Method 22 is being allowed as first step and then if visible emissions are observed, you’d either have to report a deviation or proceed to Method 9 (to make a specific

opacity reading).

(Please note that while PM-V-053 uses similar language to 111.111(a)(4)(ii), 111.111(a)(4)(ii) itself does not apply to your units since they are not process flares. If they were process flares, then 111.111(a)(4)(ii) would be included, 111.111(a)(1)(F) would not be since 111.111(a)(1)(A)-(C) do not apply, and additional monitoring wouldn't be needed since 111.111(a)(4)(ii) is sufficient.)

After reviewing this comment, please let me know if you have additional questions, please respond to this email by noon on Friday, **November 1, 2024**. Thank you.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Pina, Stephanie <stephanie.pina@energytransfer.com>

Sent: Wednesday, October 30, 2024 11:09 AM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Thank you for your call a few minutes ago.

Yes sir—I understand. Is it possible to meet virtually to discuss the items below? I am available today and tomorrow at any time that is convenient for you.

30 TAC 111.111(a)(4)(A)(ii) states that if “smoking is detected, compliance with the emission limits of this paragraph shall be determined using Reference Method 22, Reference Method 9, or an alternative test method approved by the executive director and EPA”. Because

111.111 (a)(1)(F) is cited in the applicable requirements summary for AG-FL and AG-FL2, it conflicts with 30 TAC 111.111(a)(4)(A)(ii) in that it does not allow for the use of Reference Method 22. The elected PM guidance (PM-V-053) only refers to 30 TAC 111.111(a)(4)(A)(ii).

Respectfully,

Stephanie Piña

Engineer – Environmental
WTX – Permian Plants & Field

O: 432.203.8915

C: 432.236.2362

From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Wednesday, October 30, 2024 10:16 AM

To: Pina, Stephanie <stephanie.pina@energytransfer.com>

Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Afternoon Stephanie.

I made a mistake below, I meant to say Test Method 9 instead of 22. Thanks

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Liam Lin

Sent: Wednesday, October 30, 2024 9:49 AM

To: Pina, Stephanie <stephanie.pina@energytransfer.com>
Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>
Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Morning Stephanie,

In regards to 111.111 (a)(1)(F) for AG-FL and AG-FL2, it identifies the equivalent Test Method you can comply with, in this case test method 22. However, in the Periodic Monitoring, it further specifies the requirements, which shows that you have chosen to comply with 111.111(a)(4). Please let me know if you have any questions. If you have no further comments in regards to the Working Draft Permit, please respond to this email stating that you approve the Working Draft Permit. Thanks.

Sincerely,

Liam Lin

Permit Reviewer
OA/Air Permits Division/OP Section
Texas Commission on Environmental Quality
MC-163, P.O. Box 13087
Austin, TX 78711-3087
Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Pina, Stephanie <stephanie.pina@energytransfer.com>
Sent: Tuesday, October 15, 2024 4:37 PM
To: Liam Lin <Liam.Lin@tceq.texas.gov>
Cc: Kate Gross <KGross@trinityconsultants.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>
Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Mr. Lin,

I have an additional comment regarding AG-FL and AG-FL2. In the applicable requirements summary, it is noted that we shall comply with 30 TAC 111.111(a)(1)(F).

In the attached correspondence from 4/18/2024, ET Gathering & Processing LLC elected to comply with PM-V-053 (main standard 111.111(a)(4)).

The key difference between the 2 is the allowed use of EPA test Method 22. Why is 30 TAC 111.111(a)(1)(F) being cited as well?

Respectfully,



Stephanie Piña
Engineer – Environmental
WTX – Permian Plants & Field

O: 432.203.8915
C: 432.236.2362



From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Tuesday, October 8, 2024 3:45 PM

To: Pina, Stephanie <stephanie.pina@energytransfer.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: Kate Gross <KGross@trinityconsultants.com>

Subject: RE: Working Draft Permit - 04448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Afternoon Stephanie,

I have attached an updated Working Draft Permit for your review. Please review the WDP and submit to me any comments you have on the working draft permit by **Close of Business on October 15, 2024**. Since this is a follow-up review to the previously submitted and reviewed WDP, only comments concerning changes since the last WDP may be considered by TCEQ. Any comments outside the scope of the most recent changes should be submitted as a separate project. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Pina, Stephanie <stephanie.pina@energytransfer.com>

Sent: Monday, September 30, 2024 3:34 PM

To: Liam Lin <Liam.Lin@tceq.texas.gov>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: Kate Gross <KGross@trinityconsultants.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Importance: High

Good afternoon Mr. Lin,

Please see my responses below in **red**.

- **OP-UA12 Unit ID FUG, FUG2 and CAT3606FUG** – Please update the SOP index numbers for these units. On form OP-UA12, you listed different SOP index number for each page ,(600000a-1 to 12). You should have a single index number listed for each unit throughout the form. I utilized 600000a for all three units , please update form OP-UA12. **Revised OP-UA12 tables are attached and have been submitted via STEERS.**
- **Form OP- MON** – For Unit ID Load1A and Load1B, please provide a justification for the deviation limit “ Minimum combustion temperature of 1400 deg F” **A minimum combustion efficiency of 1400 deg F is based on manufacturer specifications. Please see attached efficiency guarantee.**
- All of the updated forms may be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1. **Submitted via STEERS**
- **There are 3 comments on SOP – O4448 Draft V2. The comments are on the attached word document.**
 - **Applicable requirements summary Unit No. CAT 3606 FUG gets cut off at a point where it makes it seem like these are 2 separate unit numbers. Please move the text to the next line to make sure the full ID is shown**
 - **Minimum frequency on the CAM Summary for GRP-ENG is missing**
 - **Please update GRP-ENG2 CAM Summary table to note max CO emission rate of 3.64**

lb/hr

Respectfully,



Stephanie Piña

Engineer – Environmental
WTX – Permian Plants & Field

O: 432.203.8915

C: 432.236.2362



From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Friday, September 20, 2024 12:03 PM

To: Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: Kate Gross <KGross@trinityconsultants.com>; Pina, Stephanie
<stephanie.pina@energytransfer.com>

Subject: RE: Working Draft Permit - 04448 ET Gathering and Processing LLC, Panther Gas Plant
(Initial, 34972)

Good Morning Josh,

I have included an updated Working Draft Permit for your review. Since this is a follow-up review to the previously submitted and reviewed WDP, only comments concerning changes since the last WDP may be considered by TCEQ. Any comments outside the scope of the most recent changes should be submitted as a separate project. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

There are some updates needed with the application which is listed below.

- **OP-UA12 Unit ID FUG, FUG2 and CAT3606FUG** – Please update the SOP index numbers for these units. On form OP-UA12, you listed different SOP index number for each page ,(600000a-1 to 12). You should have a single index number listed for each unit throughout the form. I utilized 600000a for all three units , please update form OP-UA12.
- **Form OP- MON** – For Unit ID Load1A and Load1B, please provide a justification for the deviation limit “ Minimum combustion temperature of 1400 deg F”
- All of the updated forms may be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

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)
				Subpart JJJJ	1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g)	stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NOx emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(d)	§ 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4)	§ 60.4245(d)
C-9	EU	60JJJJ-1	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a VOC emission limit of 0.7 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(f) § 60.4244(g)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4)	[G]§ 60.4245(c) § 60.4245(d)
C-9	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
CAT 3606	EU	60OOOOa	VOC	40 CFR Part 60,	§ 60.5400a(b)	You may elect to comply	§ 60.482-1a(f)(1)	§ 60.483-2a(b)(6)	§ 60.483-1a(b)(1)

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-ENG	
Control Device ID No.: OXCAT-1	Control Device Type: Catalytic converter
Control Device ID No.: OXCAT-2	Control Device Type: Catalytic converter
Control Device ID No.: OXCAT-3	Control Device Type: Catalytic converter
Control Device ID No.: OXCAT-4	Control Device Type: Catalytic converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: N/A
Pollutant: CH2O	Main Standard: 139259
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: 	
Averaging Period: N/A	
Deviation Limit: Maximum CO emission rate of 4.31 lb/hr CO (as a surrogate for CH2O)	
<p>CAM Text: Use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. In addition, install and operate an elapsed operating time meter to record hours of operation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-ENG2	
Control Device ID No.: OXCAT-5	Control Device Type: Catalytic converter
Control Device ID No.: OXCAT-6	Control Device Type: Catalytic converter
Control Device ID No.: OXCAT-7	Control Device Type: Catalytic converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: N/A
Pollutant: CO	Main Standard: 139259
Monitoring Information	
Indicator: Inlet Gas Temperature	
Minimum Frequency: Every 15,000 hours of operation.	
Averaging Period: N/A	
Deviation Limit: CO Concentration	
<p>CAM Text: Use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. In addition, install and operate an elapsed operating time meter to record hours of operation.</p>	



Destruction Efficiency

Client:	Energy Transfer	Zeeco Ref.: 28516	Date:	26-Sep-24
Location:	Rankin, TX	Client Ref.: Panther VCU	Rev.	0

To whom it may concern,

The hydrocarbon destruction efficiency for the combustion systems providing on Zeeco Ref: 28516 will be 98% or higher as long as the flare is operated and maintained within the design operating parameters such as 1400 deg. F minimum operating temperature, and accepted industry standard practices for this type of equipment.

Sincerely,

Corbin Mertz
corbin_mertz@zeeco.com
Applications Engineer

Fugitive Emission Unit Attributes

Form OP-UA12 (Page 173)

Federal Operating Permit Program

Table 19e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Construction/Modification Date	Fugitive Component	AMEL	Subject to Another Regulation
FUG	600000a	15+	EQNGPP		NO
FUG2	600000a	15+	EQNGPP		NO
CAT3606FUG	600000a	15+	EQNGPP		NO

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 174)
Federal Operating Permit Program**

Table 19f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components					
		Any Vacuum Service	Pumps				
			Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-2a
FUG	60OOOOa	NO	YES	NO	NO		YES
FUG2	60OOOOa	NO	YES	NO	NO		YES
CAT3606FUG	60OOOOa	NO	NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 175)
Federal Operating Permit Program**

**Table 19g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components			
		Pressure Relief Devices			
		Gas/Vapor Service	Design Capacity < 10MM	AMEL	Complying with 60.482-4a
FUG	60OOOOa	YES	NO	NO	YES
FUG2	60OOOOa	YES	NO	NO	YES
CAT3606FUG	60OOOOa	YES	NO	NO	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 176)**

Federal Operating Permit Program

Table 19h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part60, Subpart OOOOa Fugitive Unit Components (continued)			
		Valves			
		Open-Ended	AMEL	AMEL ID No.	Complying with 60.482-6a
FUG	60OOOOa	YES	NO		YES
FUG2	60OOOOa	YES	NO		YES
CAT3606FUG	60OOOOa	NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 177)
Federal Operating Permit Program**

Table 19i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40CFR Part 60, Subpart OOOOa Fugitives Unit Components (continued)					
		Valves					
		Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	2.0%	AMEL	AMEL ID No.	Complying with 60.482-7a
FUG	60OOOOa	YES	NO	YES	NO		YES
FUG2	60OOOOa	YES	NO	YES	NO		YES
CAT3606FUG	60OOOOa	YES	NO	YES	NO		YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 178)
Federal Operating Permit Program**

Table 19j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a
FUG	600000a	NO				NO			
FUG2	600000a	NO				NO			
CAT3606FUG	600000a	NO				NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 179)**

Federal Operating Permit Program

Table 19k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pressure Relief Devices				Connectors			
		Heavy or Light Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a
FUG	600000a	YES	NO		YES	NO			
FUG2	600000a	YES	NO		YES	NO			
CAT3606FUG	600000a	NO				NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 180)
Federal Operating Permit Program**

Table 19I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60,	Subpart OOOOa	Fugitive Unit	Components	(continued)
		Closed-Vent Systems and Control Devices (continued)				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.
FUG	600000a	YES	NO		YES	FL-PL
FUG2	600000a	YES	NO		YES	FL-PL2
CAT3606FUG	600000a	NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 181)**

Federal Operating Permit Program

Table 19m: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.
FUG	600000a	NO				
FUG2	600000a	NO				
CAT3606FUG	600000a	NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 182)
Federal Operating Permit Program**

Table 19n: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)				
		Control Devices				
		Flare	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.
FUG	60OOOOa	YES	NO		YES	FL-PL
FUG2	60OOOOa	YES	NO		YES	FL-PL2
CAT3606FUG	60OOOOa	NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 183)
Federal Operating Permit Program**

Table 19o: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)								
		Control Devices				Connectors				
		CVS	AMEL	AMEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-11a
FUG	600000a; 600000a	YES	NO		YES	YES	NO	NO		YES
FUG2	600000a; 600000a	YES	NO		YES	YES	NO	NO		YES
CAT3606FUG	600000a	NO				YES	NO	NO		YES

Fugitive Emission Unit Attributes

Form OP-UA12 (Page 184)

Federal Operating Permit Program

Table 19p: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/27/2024	O-4448	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Description
FUG	600000a	Site Fugitives
FUG2	600000a	Plant 2 Fugitives
CAT3606FUG	600000a	Caterpillar G3606 Fugitives

Please review the WDP and submit to my any comments you have on the WDP as well as the updated forms by **Close of Business on October 1, 2024.**

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Josh Lee <Joshua.Lee@trinityconsultants.com>

Sent: Thursday, June 27, 2024 3:19 PM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: John Walker <John.Walker@tceq.texas.gov>; Kate Gross <KGross@trinityconsultants.com>; Pina, Stephanie <stephanie.pina@energytransfer.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Hello Mr. Lin,

After further review, we determined that the comment noting to include formaldehyde for GRP-ENG2 on the CAM tables was accidentally left in the draft permit. That comment was only meant for GRP-ENG. We confirmed on our side that the GRP-ENG2 engines are not applicable to CAM for formaldehyde.

Please ignore that comment as you complete your review of our comments and finish any updates to the draft permit.

Thanks,

Joshua Lee
Consultant

P 636.220.9844

Email: Joshua.lee@trinityconsultants.com

From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Friday, June 21, 2024 11:50 AM

To: Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: John Walker <John.Walker@tceq.texas.gov>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Morning Mr. Lee,

Based on the comment you provided on the Working Draft Permit, in regards to GRP-ENG2 needing CAM for Formaldehyde, please submit form OP-Mon. Please submit form OP-MON by **June 28, 2024**. I will be out of office during this period, when you submit this OP-MON, please include my colleague John Walker in this email . Thank you for your cooperation in this matter.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Josh Lee <Joshua.Lee@trinityconsultants.com>

Sent: Monday, June 10, 2024 8:42 AM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross <KGross@trinityconsultants.com>; Miro, Alena M. <alena.miro@energytransfer.com>

Subject: RE: Working Draft Permit - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good morning Mr. Lin,

Please find attached the draft permit with our comments noted. We found some significant updates are needed including missing requirements for the fugitive components at the Panther Gas Plant. Please let us know if you have any questions while you review.

Thanks,

Joshua Lee
Consultant

P 636.220.9844

Email: Joshua.lee@trinityconsultants.com



From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Monday, May 20, 2024 3:27 PM

To: Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross <KGross@trinityconsultants.com>; Miro, Alena M. <alena.miro@energytransfer.com>

Subject: RE: Working Draft Permit - 04448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Afternoon Mr. Lee,

I have conducted a technical review of *initial issuance* application for *ET Gathering and Processing LLC, Panther Gas Plant*. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have on the working draft permit by **June 10, 2024**.

Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

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

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization

Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Josh Lee <Joshua.Lee@trinityconsultants.com>

Sent: Thursday, April 18, 2024 11:24 AM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross


Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
AG-FL	FLARES	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
AG-FL2	FLARES	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
C-8	SRIC ENGINES	N/A	60JJJJ-1	40 CFR Part 60, Subpart JJJJ	No changing attributes.
C-8	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
C-9	SRIC ENGINES	N/A	60JJJJ-1	40 CFR Part 60, Subpart JJJJ	No changing attributes.
C-9	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
DEHY	GLYCOL DEHYDRATION	N/A	N/A	30 TAC Chapter 116, Standard Permits	No Changing attributes.
DEHY	GLYCOL DEHYDRATION	N/A	63HH-1	40 CFR Part 63, Subpart HH	No changing attributes.
DEHY2	GLYCOL DEHYDRATION	N/A	N/A	30 TAC Chapter 116, Standard Permits	No changing attributes.
DEHY2	GLYCOL DEHYDRATION	N/A	63HH-1	40 CFR Part 63, Subpart HH	No changing attributes.
E-1	SRIC ENGINES	N/A	60JJJJ-2	40 CFR Part 60, Subpart JJJJ	No changing attributes.
E-1	SRIC ENGINES	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FL-PL	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-PL2	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRP-ENG	SRIC ENGINES	C-1, C-2, C-3, C-4	N/A	30 TAC Chapter 116,	No changing attributes.


Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				Standard Permits	
GRP-ENG	SRIC ENGINES	C-1, C-2, C-3, C-4	60JJJJ-1	40 CFR Part 60, Subpart JJJJ	No changing attributes.
GRP-ENG	SRIC ENGINES	C-1, C-2, C-3, C-4	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-ENG2	SRIC ENGINES	C-5, C-6, C-7	N/A	30 TAC Chapter 116, Standard Permits	No changing attributes.
GRP-ENG2	SRIC ENGINES	C-5, C-6, C-7	60JJJJ-1	40 CFR Part 60, Subpart JJJJ	No changing attributes.
GRP-ENG2	SRIC ENGINES	C-5, C-6, C-7	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
H-1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-1	40 CFR Part 60, Subpart Dc	No changing attributes.
H-3	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-3	40 CFR Part 60, Subpart Dc	No changing attributes.
H-4	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-1	40 CFR Part 60, Subpart Dc	No changing attributes.
H-6	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-4	40 CFR Part 60, Subpart Dc	No changing attributes.
PRO-AMINE	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	N/A	30 TAC Chapter 116, Standard Permits	No changing attributes.
PRO-AMINE	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	60OOOOa-2	40 CFR Part 60, Subpart OOOOa	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)
AG-FL 	CD	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A) § 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from an acid gas flare shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
AG-FL2	CD	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A) § 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from an acid gas flare shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
C-8	EU	60JJJJ-1	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(e)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4)	[G]§ 60.4245(c) § 60.4245(d)
C-8	EU	60JJJJ-1	NO _x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NO _x emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(d)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4)	[G]§ 60.4245(c) § 60.4245(d)
C-8	EU	60JJJJ-1	VOC	40 CFR Part 60,	§ 60.4233(e)-Table	Owners and operators of	§ 60.4243(b)(2)	§ 60.4243(b)(2)	[G]§ 60.4245(c)


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)
						must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
FL-PL	CD	R1111-1	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
FL-PL2	CD	R1111-1	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
GRP-ENG	EU	N/A	CO	30 TAC Chapter 116, Standard Permits	139259	139259	139259 ** See CAM Summary	139259	139259
 GRP-ENG	EU	N/A	CO	30 TAC Chapter 116, Standard Permits	139259	N/A	139259 ** See CAM Summary	139259	139259
GRP-ENG	EU	60JJJJ-1	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234	Owners and operators of stationary non-emergency natural gas engines with a	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	[G]§ 60.4245(c) § 60.4245(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)
						compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GRP-ENG2	EU	N/A	CO	30 TAC Chapter 116, Standard Permits	139259	139259	139259 ** See CAM Summary	139259	139259
 GRP-ENG2	EU	N/A	CO	30 TAC Chapter 116, Standard Permits	139259	N/A	139259 ** See CAM Summary	139259	139259
GRP-ENG2	EU	60JJJJ-1	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a CO emission limit of 2.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(e)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4)	[G]§ 60.4245(c) § 60.4245(d)
GRP-ENG2	EU	60JJJJ-1	NO _x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234 § 60.4243(b) § 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4243(g)	Owners and operators of stationary non-emergency natural gas engines with a maximum engine power greater than or equal to 500 HP and were manufactured on or after 07/01/2010 must comply with a NO _x emission limit of 1.0 g/HP-hr, as listed in Table 1 to this subpart.	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4244(a) § 60.4244(b) § 60.4244(c) § 60.4244(d)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e) § 60.4245(a) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(4)	[G]§ 60.4245(c) § 60.4245(d)
GRP-ENG2	EU	60JJJJ-1	VOC	40 CFR Part 60, Subpart JJJJ	§ 60.4233(e)-Table 1 § 60.4234	Owners and operators of stationary non-emergency natural gas engines with a	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	§ 60.4243(b)(2) § 60.4243(b)(2)(ii) § 60.4243(e)	[G]§ 60.4245(c) § 60.4245(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)
				116, Standard Permits			** See CAM Summary		
PRO-AMINE	EU	N/A	VOC	30 TAC Chapter 116, Standard Permits	139259	139259	139259 ** See CAM Summary	139259	139259
PRO-AMINE 	EU	600000a-2	SO ₂	40 CFR Part 60, Subpart OOOOa	§ 60.5365a(g)(3) § 60.5370a(b)	Owners or operators of facilities that have a design capacity less than 2 long tons per day (LT/D) of hydrogen sulfide (H ₂ S) in the acid gas (expressed as sulfur) are required to comply with recordkeeping and reporting requirements specified in §60.5423a(c), but are not required to comply with §§60.5405a through 60.5407a and §§60.5410a(g) and 60.5415a(g).	None	§ 60.5423a(c)	§ 60.5420a(a) § 60.5420a(a)(1) § 60.5420a(b) [G]§ 60.5420a(b)(1) § 60.5420a(b)(11) [G]§ 60.5420a(b)(13) [G]§ 60.5420a(b)(14)
PRO-AMINE2	EU	N/A	HAP	30 TAC Chapter 116, Standard Permits	139259	139259	139259 ** See CAM Summary	139259	139259
PRO-AMINE2	EU	N/A	VOC	30 TAC Chapter 116, Standard Permits	139259	139259	139259 ** See CAM Summary	139259	139259

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-ENG	
Control Device ID No.: N/A	Control Device Type: N/A
Control Device ID No.: OXCAT-1	Control Device Type: Catalytic converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: N/A
Pollutant: CO	Main Standard: 139259
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Every 15,000 hours of operation.	
Averaging Period: N/A	
Deviation Limit: Maximum CO emission rate of 4.31 lb/hr.	
<p>CAM Text: Use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. In addition, install and operate an elapsed operating time meter to record hours of operation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-ENG	
Control Device ID No.: N/A	Control Device Type: N/A
Control Device ID No.: OXCAT-1	Control Device Type: Catalytic converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: N/A
Pollutant: CO	Main Standard: 139259
Monitoring Information	
Indicator: Inlet Gas Temperature	
Minimum Frequency: Once per day.	
Averaging Period: N/A	
Deviation Limit: Minimum Inlet Temperature: 550 deg F. Maximum Inlet Temperature: 1250 deg F.	
<p>CAM Text: The monitoring device should be installed to record the inlet flue gas temperature to the catalyst. 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: $\pm 2\%$ of reading or ± 2.5 degrees Celsius.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-ENG2	
Control Device ID No.: N/A	Control Device Type: N/A
Control Device ID No.: OXCAT-1	Control Device Type: Catalytic converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: N/A
Pollutant: CO	Main Standard: 139259
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: Every 15,000 hours of operation.	
Averaging Period: N/A	
Deviation Limit: Maximum CO emission rate of 3.64 lb/hr.	
<p>CAM Text: Use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test. Exhaust flow rate may be determined from measured fuel flow rate and EPA Method 19. California Air Resources Board Method A-100 (adopted June 29, 1983) is an acceptable alternate to EPA test methods. In addition, install and operate an elapsed operating time meter to record hours of operation.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: GRP-ENG2	
Control Device ID No.: N/A	Control Device Type: N/A
Control Device ID No.: OXCAT-1	Control Device Type: Catalytic converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: N/A
Pollutant: CO	Main Standard: 139259
Monitoring Information	
Indicator: Inlet Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Minimum Inlet Temperature: 550 deg F. Maximum inlet Temperature: 1250 deg F.	
<p>CAM Text: The monitoring device should be installed to record the inlet flue gas temperature to the catalyst. 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: $\pm 2\%$ of reading or ± 2.5 degrees Celsius.</p>	

<KGross@trinityconsultants.com>; Miro, Alena M. <alena.miro@energytransfer.com>

Subject: RE: Technical Review - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good morning Mr. Lin,

Please find attached an updated OP-MON form for the flares.

Let us know if you have any other questions. Thanks,

Joshua Lee
Consultant

P 636.220.9844

Email: Joshua.lee@trinityconsultants.com



From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Friday, April 12, 2024 2:04 PM

To: Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross <KGross@trinityconsultants.com>; Miro, Alena M. <alena.miro@energytransfer.com>

Subject: RE: Technical Review - O4448 ET Gathering and Processing LLC, Panther Gas Plant (Initial, 34972)

Good Afternoon Mr. Lee,

Please submit an updated Periodic Monitoring for Unit IDs AG-FL and AG-FL2 for 30 TAC Chapter 111 § 111.111(a)(1)(B). Please provide PM-V-053 or case by case periodic monitoring that is similar. Paragraphs below are comments from our technical specialists explaining why the periodic monitoring is needed and what can be/ should be provided.

- a. Due to the nature of a flare there is greater potential for visible emissions than some other stationary vents. For that reason, a greater frequency of monitoring is appropriate for flares. It is not the frequency of the flares' use over the year that is determining the monitoring frequency but rather what monitoring is commonly required per period of flare operation. Monitoring would not need to be conducted if the flare is not operating. (The periodic monitoring term specifies that the monitoring is to be conducted only when the unit is operating.) Therefore, it is not the intention that units operating for only a portion of the year like these flares would need to be started up solely to conduct additional monitoring. The amount of monitoring will relate to when the flares are in operation, but flares simply require more monitoring to provide representative data that the units are operating properly than certain other sources. Typical monitoring of flares in various state and federal rules, depending on pollutant,

involves daily or even hourly monitoring of various parameters.

- b. I recommend periodic monitoring option PM-V-053 again and want to point out the provision in the text that states if the flare is operated less than daily, then the observation can be made only during each operation. You could also propose case-by-case but it needs to be more detailed than your proposed “manual log entries”. You would need to have an equivalent level of detail to what we have in our options. If you do not want PM-V-053 exactly, what might work best for you would be a case-by-case proposal that is similar to PM-V-053, except it could focus on the “flares operated less than daily” feature. The basic expectation is once per day if the flare will operate more than 24 hours continuously (so if you operate for three days straight, you cannot just make one observation), but if you operated for a period on a Monday, a Thursday, and a Saturday, you would need one observation for each day rather than every day of the week.

Please submit the updated OP-MON by C.O.B (Close of Business) on **April 24, 2024**.

Thank you for your cooperation in this matter.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Josh Lee <Joshua.Lee@trinityconsultants.com>

Sent: Monday, February 12, 2024 8:11 AM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross

<KGross@trinityconsultants.com>; Miro, Alena M. <alena.miro@energytransfer.com>

**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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No.: O-4448		Project No.: 34972
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: AG-FL		
Applicable Form: OP-UA7		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111		
SOP/GOP Index No.: R1111-2		
Pollutant: PM (OPACITY)		
Main Standard: 30 TAC 111.111(a)(4)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-053		
Deviation Limit: Visible emissions observed		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: AG-FL		
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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No.: O-4448	Project No.: 34972	
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: AG-FL2		
Applicable Form: OP-UA7		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111		
SOP/GOP Index No.: R1111-2		
Pollutant: PM (OPACITY)		
Main Standard: 30 TAC 111.111(a)(4)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-053		
Deviation Limit: Visible emissions observed		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: AG-FL2		
Control Device Type: FLARE		

Subject: RE: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972)

Good morning Mr. Lin,

Please see our responses to your comments below in red. Let us know if you have any other questions.

Thanks,

Joshua Lee
Consultant

P 636.220.9844

Email: Joshua.lee@trinityconsultants.com



From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Wednesday, January 31, 2024 1:29 PM

To: Josh Lee <Joshua.Lee@trinityconsultants.com>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross
<KGross@trinityconsultants.com>

Subject: RE: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972)

Good Afternoon Mr. Lee,

Our Technical Specialist has reviewed your Case by Case monitoring proposals for CAM and PM, attached are her comments to the proposal.

Additionally, there are some clarifications needed in the points below.

- *In regard to the catalytic converter and monitoring CO as a surrogate for formaldehyde, please provide justification how monitoring or meeting the CO emission limit satisfies the formaldehyde emission limit so that we can include this in the permit file. **See attached GOP Revision application from 2019. The original approval from the TCEQ for GRP-ENG is on pdf page 13. Also see attached "Project File Folder" pdf page 17.** Additionally, for CAM monitoring Inlet Gas Temperature, please provide specific values for the proposed minimum and maximum inlet gas temperatures, as well as justification for those numbers. Control device operating parameter data obtained during the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data to justify the deviation limits may be used. **See attached SP 139259 revision from 2020 pdf page 51 under "System Details". I am assuming that this is where the pre-cat temp ranges for the 4735-hp G3616's came from. I have not been able to find similar documentation for the 5,000-hp G3616's. However, the 5,000-hp G3616's had the same temp range specified in the attached GOP Renewal from October 22, 2020, pdf page 142. In addition, similar***

engines were recently approved with the same temp range at the Energy Transfer Rebel Gas Plant.

Also, please confirm if GRP-ENG2 has a formaldehyde limit in the standard permit registration. Does GRP-ENG2 need CAM for formaldehyde like GRP-ENG did? **No, compressor engines in GRP-ENG2 are not subject to CAM for formaldehyde. This is stated in the attached GOP Renewal from October 22, 2020, pdf page 3**

- In regard to the periodic monitoring requested for AG-FL and AG-FL2, these units are acid gas flares subject to 30 TAC Chapter 111 § 111.111(a)(1)(B). You requested a quarterly frequency but we cannot approve a quarterly frequency for acid gas flares. Even though the opacity limit is the same as that for a stationary vent, the nature of a flare is very different and has greater potential for visible emissions. I recommend for you to provide periodic monitoring option PM-V-004 or PM-V-053. You can also propose a different case-by-case, but the options provide an idea of the type of monitoring/frequency/level of detail that we are looking for. **See aforementioned GOP Renewal from October 22, 2020—pdf page 4. The two acid gas flares are described as alternate control devices for the amine sweetening units. The TO's are limited to 25% downtime annually (see attached SP 139259 revision). This means that at a maximum, acid gas is sent to the acid gas flares 2,190 hours/year. Below is the amount of downtime for the TO's in 2021 and 2022, indicating that the two acid gas flares operate much less than 25% of the year.**
 - **2021 TO Downtime**
 - **TO1: 71.42 hrs, TO2: 66.38 hrs**
 - **2022 TO Downtime**
 - **TO1: 103.15 hrs, TO2: 20.74 hrs**

We ask that you reconsider the quarterly frequency for periodic monitoring of the acid gas flares because they are intermittent sources that do not operate continuously.

Please submit a response and an updated proposal by the deadline **February 14, 2024**.

Thank you for your cooperation in this matter.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

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

Date:	12/15/2023
Permit No.:	O-4448
Regulated Entity No.:	RN109124057

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
LOAD1A		EP				Stabilized product truck loading; controlled by VCU
LOAD1B		EP				Stabilized product truck loading; controlled by VCU

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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From: Josh Lee <Joshua.Lee@trinityconsultants.com>

Sent: Friday, December 15, 2023 3:38 PM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Kate Gross <KGross@trinityconsultants.com>

Subject: RE: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972)

Good afternoon Mr. Lin,

Please find attached the requested OP-UA1 and updated OP-MON forms along with responses to your comments below in red. Let us know if you have any additional comments.

Thanks,

Joshua Lee
Consultant

P 636.220.9844

Email: Joshua.lee@trinityconsultants.com



From: Liam Lin <Liam.Lin@tceq.texas.gov>

Sent: Monday, December 11, 2023 8:08 AM

To: Kate Gross <KGross@trinityconsultants.com>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972)

Good Morning , Kate,

There were a few issues found with the application which are listed below

- **Form OP-UA1** - Unit ID LoadA1 and LoadB1 – Since both units have CAM requirements, they also have Title V applicability, please submit the two units on form OP-UA1 with corresponding Unit Attributes.

- Attached
- **Form OP-MON, Group ID GRP-ENG** – Please specify the pollutant, did you mean CO instead of OTH? If so, please update form OP-MON.
 - "OTH" is referring to formaldehyde. There were no pollutant codes that applied to formaldehyde, so "OTH" was selected.
- **Form OP-MON, Group IDs GRP-ENG and GRP-ENG2** – Option No. CAM-CC-030 corresponds to the pollutant NOX which is not applicable to the deviation limit for CO. Please submit a case-by-case CAM for both units.
 - Attached
- **Form OP-MON, Unit IDs AG-FL and AG-FL2** – Periodic Monitoring is required for Index No. R1111-2. Please submit form OP-MON for both units.
 - Attached

Please submit the updated forms by the deadline **December 15, 2023.**

Thank you for your cooperation in this matter.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Kate Gross <KGross@trinityconsultants.com>

Sent: Wednesday, November 29, 2023 2:48 PM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: RE: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972) -

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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No: O-4448	Project No.: 34972	
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRP-ENG		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: OTH (Formaldehyde)		
Main Standard: NSR-139259		
Monitoring Type: CAM		
Unit Size: SM		
Deviation Limit: A minimum and maximum temperature shall be established using the most appropriate of the following: the most recent performance test data, the manufacturer's recommendations, engineering calculations, or historical data and maximum CO emission rate of 4.31 lb/hr		
IV. Control Device Information		
Control Device ID No.: OXCATS		
Device Type: CATCNV		
V. CAM Case-by-case		
Indicator: Inlet Gas Temperature and CO concentration		
Minimum Frequency: Monitor inlet fuel gas inlet temperature to the catalyst (once per day) and use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test.		
Averaging Period: N/A		
QA/QC Procedures:		
Verification Procedures: The temperature monitoring device shall be calibrated in accordance with manufacturer's specifications; in accordance with other written procedures that provide adequate assurance that the device is calibrated accurately; or at least annually (whichever is more frequent),		

I. Identifying Information	
and shall be accurate to within one of the following: ± 2 percent of reading; or ± 2.5 degrees Celsius.	
Representative Data:	
VI. Periodic Monitoring Case-by-case	
Indicator:	Minimum Frequency:
Averaging Period:	
Periodic Monitoring Text:	

**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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No: O-4448	Project No.: 34972	
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRP-ENG		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: CO		
Main Standard: NSR-139259		
Monitoring Type: CAM		
Unit Size: SM		
Deviation Limit: A minimum and maximum temperature shall be established using the most appropriate of the following: the most recent performance test data, the manufacturer's recommendations, engineering calculations, or historical data and maximum CO emission rate of 4.31 lb/hr		
IV. Control Device Information		
Control Device ID No.: OXCATS		
Device Type: CATCNV		
V. CAM Case-by-case		
Indicator: Inlet Gas Temperature and CO concentration		
Minimum Frequency: Monitor inlet fuel gas inlet temperature to the catalyst (once per day) and use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test.		
Averaging Period: N/A		
QA/QC Procedures:		
Verification Procedures: The temperature monitoring device shall be calibrated in accordance with manufacturer's specifications; in accordance with other written procedures that provide adequate assurance that the device is calibrated accurately; or at least annually (whichever is more frequent),		

I. Identifying Information	
and shall be accurate to within one of the following: ± 2 percent of reading; or ± 2.5 degrees Celsius.	
Representative Data:	
VI. Periodic Monitoring Case-by-case	
Indicator:	Minimum Frequency:
Averaging Period:	
Periodic Monitoring Text:	

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 4)
Federal Operating Permit Program**

Table 1d: CAM/PM Case-By-Case Control Device Additions

Emission Unit ID No.	Control Device ID No.	Control Device Type
C-1	OXCAT-1	CATCNV
C-2	OXCAT-2	CATCNV
C-3	OXCAT-3	CATCNV
C-4	OXCAT-4	CATCNV

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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No: O-4448		Project No.: 34972
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRP-ENG2		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: CO		
Main Standard: NSR-139259		
Monitoring Type: CAM		
Unit Size: SM		
Deviation Limit: A minimum and maximum temperature shall be established using the most appropriate of the following: the most recent performance test data, the manufacturer's recommendations, engineering calculations, or historical data and maximum CO emission rate of 3.64 lb/hr		
IV. Control Device Information		
Control Device ID No.: OXCATS		
Device Type: CATCNV		
V. CAM Case-by-case		
Indicator: Inlet Gas Temperature and CO concentration		
Minimum Frequency: Monitor inlet fuel gas inlet temperature to the catalyst (once per day) and use Reference Method 10 to stack test the unit for CO emissions within 15,000 hours of operation after the previous emission test.		
Averaging Period: N/A		
QA/QC Procedures:		
Verification Procedures: The temperature monitoring device shall be calibrated in accordance with manufacturer's specifications; in accordance with other written procedures that provide 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:		

I. Identifying Information	
± 2 percent of reading; or • ± 2.5 degrees Celsius.	
Representative Data:	
VI. Periodic Monitoring Case-by-case	
Indicator:	Minimum Frequency:
Averaging Period:	
Periodic Monitoring Text:	

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 4)
Federal Operating Permit Program**

Table 1d: CAM/PM Case-By-Case Control Device Additions

Emission Unit ID No.	Control Device ID No.	Control Device Type
C-5	OXCAT-5	CATCNV
C-6	OXCAT-6	CATCNV
C-7	OXCAT-7	CATCNV

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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No: O-4448	Project No.: 34972	
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: AG-FL		
Applicable Form: OP-UA7		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111		
SOP/GOP Index No.: R1111-2		
Pollutant: PM (OPACITY)		
Main Standard: 30 TAC 111.111(a)(4)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions observed (conduct observations once per quarter)		
IV. Control Device Information		
Control Device ID No.: AG-FL		
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: Opacity	Minimum Frequency: Once per quarter	
Averaging Period:		
Periodic Monitoring Text: Manual log entries		

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.: UBA007G	RN No.: 109124057	CN: 606187110
Permit No: O-4448		Project No.: 34972
Area Name: Panther Gas Plant		
Company Name: ET Gathering & Processing LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: AG-FL2		
Applicable Form: OP-UA7		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111		
SOP/GOP Index No.: R1111-2		
Pollutant: PM (OPACITY)		
Main Standard: 30 TAC 111.111(a)(4)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions observed (conduct observations once per quarter)		
IV. Control Device Information		
Control Device ID No.: AG-FL2		
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: Opacity		Minimum Frequency: Once per quarter
Averaging Period:		
Periodic Monitoring Text: Manual log entries		

Revised OP-REQ1

Good Morning Kate,

Any updates submitted through email requires an original signed copy of Form OP-CRO1 via mail. However, any updates submitted via Steers is already certified and Form OP-CRO1 is not required. Please let me know if you have any further questions.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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

From: Kate Gross <KGross@trinityconsultants.com>

Sent: Friday, May 12, 2023 8:49 AM

To: Liam Lin <Liam.Lin@tceq.texas.gov>

Cc: Silva, Stephanie <stephanie.silva@energytransfer.com>; Josh Lee <Joshua.Lee@trinityconsultants.com>

Subject: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972) - Revised OP-REQ1

Good morning Mr. Lin,

Please find attached a revised page of the OP-REQ1 to supplement the initial SOP application for the Panther Gas Plant. The plant is subject to 40 CFR Part 68 requirements. It is my understanding that the RO can provide an original signed OP-CRO1 through the mail or via STEERS to certify at a later date. Please confirm.

Thanks,
Kate

Kate Gross

Managing Consultant

P 972.661.8100 M 214.405.1598

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

Date:	05/12/2023
Permit No.:	O-4448
RN No.:	RN109124057

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 76	
IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

12700 Park Central, Suite 2100, Dallas, TX 75251
Email: kgross@trinityconsultants.com
LinkedIn: <https://www.linkedin.com/in/kate-gross-2277b85/>



Connect with us: [LinkedIn](#) / [Facebook](#) / [Twitter](#) / [YouTube](#) / trinityconsultants.com

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Private and confidential as detailed [here](#). If you cannot access hyperlink, please e-mail sender.

From: [Liam Lin](#)
To: stephanie.silva@energytransfer.com
Cc: [Kate Gross](#)
Subject: Technical Review - O4448 ETC Texas Pipeline LTD , Panther Gas Plant (Initial, 34972)
Date: Wednesday, April 19, 2023 3:21:00 PM

Good Afternoon Ms. Silva,

I have been assigned to the Federal Operating Permit (FOP) initial issuance (GOP to SOP conversion) permit application of Permit No. O4448 for ETC Texas Pipeline LTD, Panther Gas Plant. This application has been assigned Project No. 34972. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

- Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

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

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

If you choose to submit your application updates through STEERS, please notify me when these updates have been submitted.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Liam Lin

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Liam.Lin@tceq.texas.gov

Phone: (512) 239-1278

Fax: (512) 239-1400



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12700 Park Central Dr, Ste 2100, Dallas, TX 75251 / P 800.229.6655 / P 972.661.8100 / F 972.385.9203 / trinityconsultants.com

March 31, 2023

Texas Commission on Environmental Quality (TCEQ)
Air Permits Initial Review Team (APIRT)
12100 Park 35 Circle
Building C, Third Floor, MC 161
Austin, TX 78753

*RE: Site Operating Permit Initial Application
ETC Texas Pipeline, Ltd. – Panther Gas Plant - Upton County, TX
TCEQ Customer Reference Number (CN) 601587652
TCEQ Regulated Entity Reference Number (RN) 109124057*

Dear APIRT:

ETC Texas Pipeline, Ltd. (ETC) owns and operates a natural gas processing plant (Panther Gas Plant) in Upton County, Texas. ETC has been assigned TCEQ Customer Reference Number (CN) 601587652. The Panther Gas Plant has been assigned TCEQ Regulated Entity Reference Number (RN) 109124057. The Panther Gas Plant is currently authorized under Oil and Gas General Operating Permit (GOP) 514, Authorization to Operate (ATO) Permit Number O-3934.

In order to authorize the use of alternative work practices (AWP) at the Panther Gas Plant under 40 CFR 60.18(g)-(i) to monitor fugitive leaks, ETC plans to convert the GOP to an SOP. The initial SOP application includes the following recent revisions to Standard Permit (SP) No. 139259 and Permit by Rule (PBR) No. 156547.

- ▶ SP Revision No. 139259; TCEQ Project No. 336290 – Addition of two (2) Caterpillar 3606A4, 1875 hp engines to the plant and lowering natural gas firing runtime of the existing dual drive engines from 60% of the year (5256 hr/yr) to 50% of the year (4,380 hr/yr). ETC is also adding a 400 hp Caterpillar CG137-8 emergency generator.
- ▶ SP Revision No. 139259 and PBR Revision No. 156547; TCEQ Project Nos. 348175 and 348176 – Install two (2) new 750-barrel (bbl) stabilized product storage tanks. A redundant vapor recovery unit was installed to control the stabilized product storage tank vapors. ETC also reduced the non-emergency operating hours for the emergency generator engine and updated other site representations.

This application submittal contains the following items according to TCEQ guidance for initial SOP applications:

- ▶ Cover letter
- ▶ Executive Summary
- ▶ Process Description and Flow Diagram
- ▶ Area Map
- ▶ Plot Plan
- ▶ Form OP-CRO1
- ▶ Form OP-ACPS
- ▶ Form OP-1
- ▶ Form OP-SUM

HEADQUARTERS

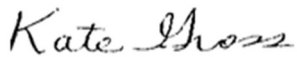
12700 Park Central Dr, Ste 2100, Dallas, TX 75251 / P 800.229.6655 / P 972.661.8100 / F 972.385.9203

- ▶ TCEQ Unit Attribute Forms
- ▶ Form OP-REQ1
- ▶ Form OP-REQ2
- ▶ Form OP-REQ3
- ▶ Form OP-PBRSUP
- ▶ Form OP-MON

If you have any questions or comments about the information presented in this letter, please do not hesitate to contact me at (972) 661-8100 (kgross@trinityconsultants.com) or Ms. Stephanie Silva, ETC, at (432) 236-2362.

Sincerely,

TRINITY CONSULTANTS



Kate Gross
Managing Consultant

Enclosure

cc: Air Section Manager, TCEQ Region 7 (Midland)
EPA Region 6 (electronically)
Ms. Stephanie Silva, ETC Texas Pipeline, Ltd. (electronic)

TCEQ AIR QUALITY SITE OPERATING PERMIT APPLICATION

ETC Texas Pipeline, Ltd. / Panther Gas Plant

Prepared By:

Kate Gross – Managing Consultant
Joshua Lee – Associate Consultant

TRINITY CONSULTANTS

12700 Park Central Drive
Suite 2100
Dallas, TX 75251
(972) 661-8100

March 2023

Project No. 224401.0273



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1. EXECUTIVE SUMMARY

ETC Texas Pipeline, Ltd. (ETC) owns and operates a natural gas processing plant (Panther Gas Plant) in Upton County, Texas. ETC has been assigned Texas Commission on Environmental Quality (TCEQ) Customer Reference Number (CN) 601587652. The Panther Gas Plant has been assigned TCEQ Regulated Entity Reference Number (RN) 109124057. The Panther Gas Plant is currently authorized under Oil and Gas General Operating Permit (GOP) 514, Authorization to Operate (ATO) Permit Number O-3934.

In order to authorize the use of alternative work practices (AWP) at the Panther Gas Plant under 40 CFR 60.18(g)-(i) to monitor fugitive leaks, ETC plans to convert the GOP to an SOP. The initial SOP application includes the following recent revisions to Standard Permit (SP) No. 139259 and Permit by Rule (PBR) No. 156547.

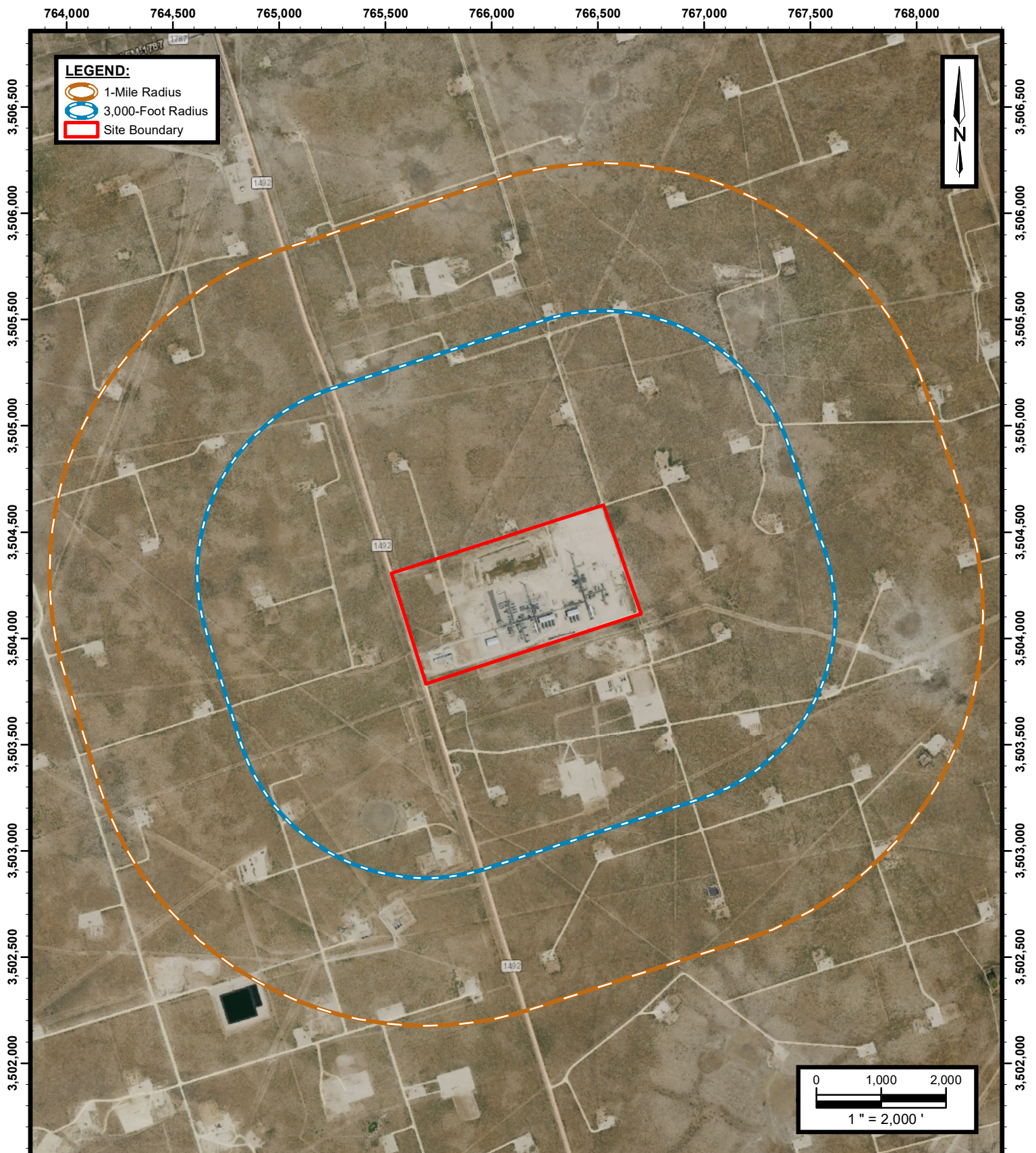
- ▶ SP Revision No. 139259; TCEQ Project No. 336290 – Addition of two (2) Caterpillar 3606A4, 1875 hp engines (Emission Point Nos. [EPNs] C-8 and C-9) to the plant and lowering natural gas firing runtime of the existing dual drive engines from 60% of the year (5256 hr/yr) to 50% of the year (4,380 hr/yr). ETC is also adding a 400 hp Caterpillar CG137-8 emergency generator (EPN E-1).
- ▶ SP Revision No. 139259 and PBR Revision No. 156547; TCEQ Project Nos. 348175 and 348176 – Install two (2) new 750-barrel (bbl) stabilized product storage tanks (EPNs PRODTK-5 and PRODTK-6). A redundant vapor recovery unit was installed to control the stabilized product storage tank vapors. ETC also reduced the non-emergency operating hours for the emergency generator engine and updated other site representations.

This SOP application submittal contains the following required items according to TCEQ guidance for SOP applications:

- ▶ Section 5. TCEQ Form OP-CRO1
- ▶ Section 6. TCEQ Form OP-ACPS
- ▶ Section 7. TCEQ Form OP-1
- ▶ Section 8. TCEQ Form OP-SUM
- ▶ Section 9. TCEQ Form OP-UA2
- ▶ Section 10. TCEQ Form OP-UA3
- ▶ Section 11. TCEQ Form OP-UA6
- ▶ Section 12. TCEQ Form OP-UA7
- ▶ Section 13. TCEQ Form OP-UA10
- ▶ Section 14. TCEQ Form OP-UA12
- ▶ Section 15. TCEQ Form OP-UA62
- ▶ Section 16. TCEQ Form OP-REQ1
- ▶ Section 17. TCEQ Form OP-REQ2
- ▶ Section 18. TCEQ Form OP-REQ3
- ▶ Section 19. TCEQ Form OP-PBRSUP
- ▶ Section 20. TCEQ Form OP-MON

2. AREA MAP

Please find below an area map from the historical standard permit registration issued on 10/25/2022.



ETC Texas Pipeline, Ltd.
Standard Permit Revision
March 2023
Panther Gas Plant
Upton County, Texas

Project No. ENE011-0202725-22008928



Apex Companies, LLC

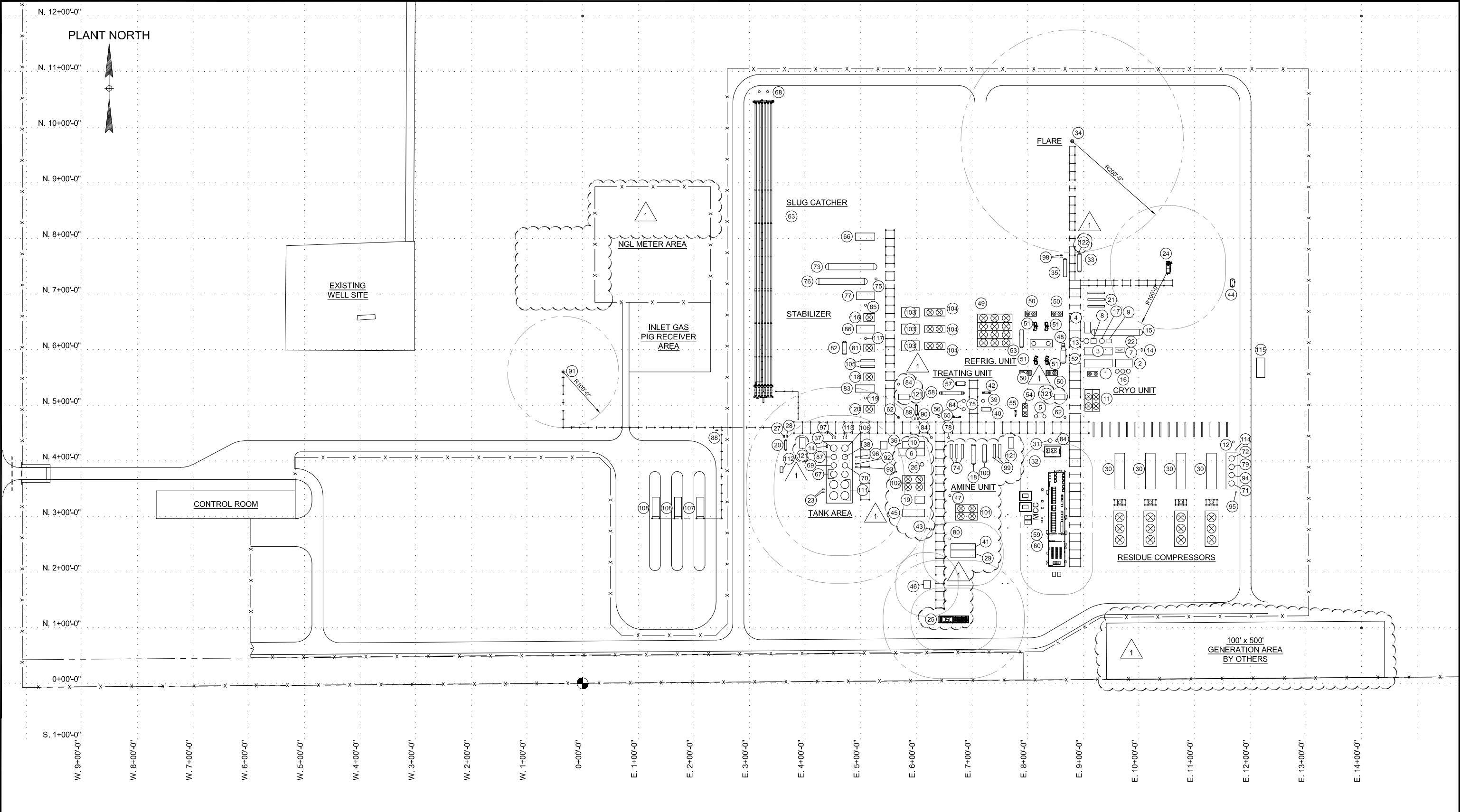
2121 Midway Rd, Ste 100
Carrollton, TX 75006
Phone: (469) 365-1100
www.apexcos.com

FIGURE 2-1

Area Map




Service Layer Credits:
Esri, HERE, Garmin, (c) OpenStreetMap contributors,
Aerial Photograph 2022

3. PLOT PLAN



NOTES:

**REVISED
ISSUED**
MARCH 04 2016
FOR CONSTRUCTION

REFERENCE DRAWINGS		REVISIONS							<div> ENERGY TRANSFER</div> <div>PANTHER CRYO PLANT 200 MM GAS PROCESSING FACILITY PLOT PLAN</div> <div>UPTON CO., TEXAS</div>		
NO.	TITLE	NO.	FIRM	DATE	DESCRIPTION	BY	CHK.	APP.			
D-10004-C03-101	PLOT PLAN LEGEND	0	SI	02/24/16	ISSUED FOR CONSTRUCTION	JDW	SC	DR			
		1	SI	03/04/16	REVISED AS NOTED	JDW	SC	DR			
<div>SAULSBURY INDUSTRIES ENGINEERING SERVICES TEXAS REGISTERED ENGINEERING FIRM F-518</div> <div></div>		ENGINEERING RECORD							<div>PLOT SCALE: NONE</div> <div>FILE NAME: C03-100</div> <div>DWG. NO. D-10004-C03-100</div> <div>REV 1</div>		
		PROJ. MANAGER:		DR		SI JOB NUMBER:		10004			
		PROJ. ENGR:		SC		AFE NUMBER:					
		PROJ. DESIGN:		JDW		WELD CODE:					

4. PROCESS DESCRIPTION

The Panther Gas Plant is comprised of two trains (Panther 1 and Panther 2) that closely resemble each other in equipment and operations. Natural gas enters the Plants through horizontal separators or slug catchers which separate entrained liquids from the inlet gases. In addition, condensate can be received via pressurized trucks bringing in liquids from the field (Facility Identification Number [FIN] NGLUNLD) as well as through pipeline maintenance pigging operations. Pigging liquids are routed to the slug catcher. Liquids collected in the slug catcher are routed to the condensate stabilizer feed tank, which is a pressurized vessel. Field liquids unloaded from pressurized trucks are also stored in pressurized holding vessels prior to being sent through the stabilization process. Additionally, raw condensate from the pressure vessels may be periodically loaded into pressurized trucks (FIN PLOAD) for stabilization at another facility.

The liquids are processed in a condensate stabilization system which produces Y-Grade product and stabilized condensate with a target Reid Vapor Pressure (RVP) of two (2) pounds per square inch (psi). At times the system may be used to produce stabilized condensate with a target RVP of nine (9) psi. The stabilized condensate is pumped into six (6) 750-barrel (bbl) atmospheric storage tanks [FIN GRP-PRODTK]) and loaded out by trucks as necessary. Vapors from the storage tanks are captured by a vapor recovery unit (VRU) and routed back to the inlet with a control efficiency of 98%. Truck loading emissions (FINS LOAD1A and LOAD1B) are combusted by the vapor combustor unit (VCU) with a destruction efficiency of 99% and 98% for C4+ and hydrogen sulfide (H₂S). Y-Grade product is stored in pressurized tanks and exits the Plant via pipeline.

Overhead flash gas from the stabilization system is captured by three (3) electric driven vapor recovery units (VRUs), compressed, and recycled back to inlet suction. During normal operations, the VRUs each operate at 60% capacity. In the event that one (1) VRU is taken down for maintenance, stabilization operations will be scaled back so that the vapors can all be captured by the remaining VRUs. If overhead vapors briefly exceed the capacity of the remaining VRUs as stabilization is curtailed, the excess will be routed to the Plant 1 flare (Unit ID FL-PL) for combustion. These emissions are represented and authorized as maintenance, startup, and shutdown (MSS) under PBR Title 30 of the Texas Administrative Code (30 TAC) §106.359.

The inlet gas streams are routed to the amine sweetening units (FINs AMINE and AMINE2) for removal of carbon dioxide (CO₂) H₂S. CO₂ and H₂S are removed from the natural gas in a two-step amine process. Gas enters the bottom of the amine contactors where it encounters lean amine solution in counter-current flow. CO₂ and H₂S contained in the natural gas are absorbed in the amine. Sweetened natural gas exits the top of the amine contactors and flows to the Plant's dehydration systems.

Rich amine containing absorbed CO₂ and H₂S flows to amine flash tanks where entrained natural gas vapors are separated from the rich amine. The flash gas is used as fuel for the HMO heaters (FINs H-3 and H-6) and the thermal oxidizer burners (FINs TO and TO2), which are equipped with burner management systems. Rich amine then enters the amine regenerator stills where it is heated to drive off CO₂ and H₂S. Lean amine is pumped from the bottom of the stills to the amine contactors to repeat the process.

CO₂ and H₂S rich vapors exit the top of the regenerator stills, are cooled in aerial coolers, and then flow into still reflux accumulators where condensed liquids and acid gas are separated. The condensed liquids are pumped back to the amine stills as reflux. The acid gas vapors from the amine stills are routed as needed through Sulfaguard H₂S stripping systems to ensure the total site-wide sulfur emissions do not exceed 0.3 long tons per day (LTPD). The remaining waste gases are routed to the thermal oxidizers and/or the acid gas flares (FINs AG-FL and AG-FL2) where any remaining H₂S and volatile organic compounds (VOC) are

incinerated. The Sulfaguard systems may be bypassed and the acid gas sent directly to the thermal oxidizers/flare when the inlet gas sulfur concentration is less than 0.3 LTPD.

Natural gas dehydration is accomplished using two (2) separate systems in each Plant: triethylene glycol (TEG) systems (FIN DEHY and DEHY2) and mol sieve units. Sweet natural gas from the amine contactors enters the bottom of the glycol contactors where it encounters TEG in counter-current flow. The TEG absorbs water from the natural gas. Dry natural gas exits the top of the glycol contactors and is routed to the mol sieve units where the water content is further reduced. The mol sieve regenerator heaters (FINs H-1 and H-4) are used to heat a small amount of natural gas that is slip-streamed from the inlet gas lines as needed to regenerate the beds. There are three (3) beds in each mol sieve, and one (1) bed is regenerated at a time. The residue gas stream from regeneration is routed back to the inlet; therefore, the only emissions associated with the mol sieve units are due to fugitive piping/equipment leaks and combustion emissions from the regenerator heaters.

Rich TEG (water-saturated) leaving the glycol contactors is sent to flash tanks where entrained vapors are separated from the TEG. The flash gas is routed into the fuel system for the HMO heaters (FINs H-3 and H-6) and the thermal oxidizer burners (FINs TO and TO2). Rich glycol leaves the flash tanks and enters the glycol regenerator stills. Absorbed water and hydrocarbons are driven off by heat from the glycol reboilers (FINs H-2 and H-5). Lean glycol is recirculated to the glycol contactors. The still overhead vapors pass through BTEX condensers to remove water and heavy hydrocarbons. The non-condensable vapors can be routed to either the plant flares (FINs FL and FL2) or the thermal oxidizers (FINs TO and TO2) for combustion. The condensed water and hydrocarbons are sent along with produced water and slop water from other plant processes to four (4) 500-bbl atmospheric wastewater storage tanks (FIN GRP-TKWW) and loaded out by truck (FIN LOAD2) as necessary.

After dehydration, sweet, dry natural gas is routed to the cryogenic process for recovery of natural gas liquids (NGL). Liquids are removed by chilling the natural gas while reducing the stream pressure using electric motor-driven compressors and turboexpanders. The resulting NGL is treated in amine liquid contactors prior to being discharged from the Plants via pipeline. Rich amine from the NGL amine contactors is regenerated with the rich amine from the natural gas amine contactors.

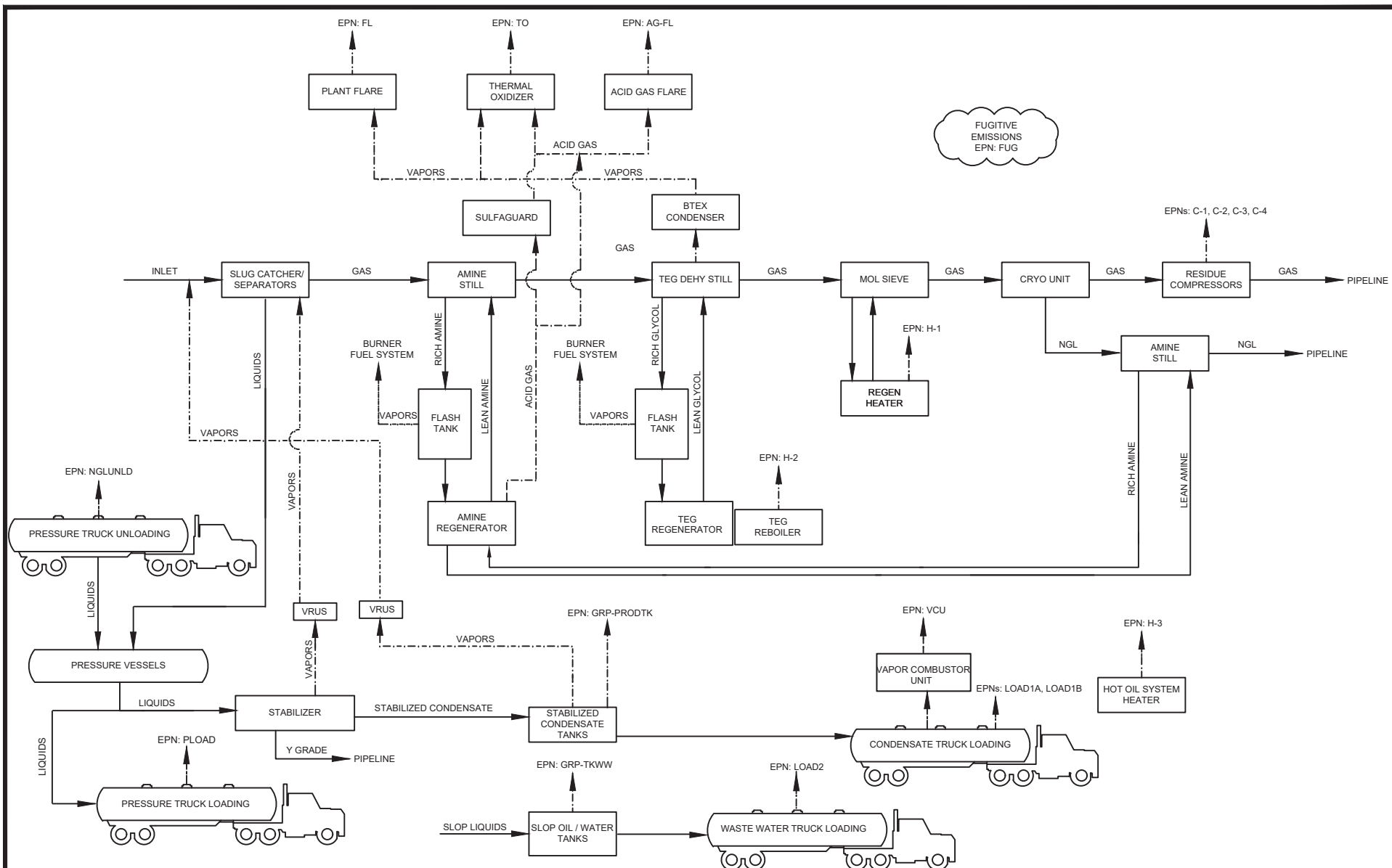
Residue gas is compressed by seven (7) dual-drive engine-driven recompressors (FINs C-1 through C-7) prior to being sent out through the residue pipeline. Two (2) compressor engines (FINs C-8 and C-9) are used to transfer excess inlet gas to different parts of ETC's system and are not associated with the gas processing at Panther. An emergency generator engine (FIN E-1) is used when purchase power to the site is lost.

Heat for the amine treating systems, stabilization systems, and cryogenic plants are provided by hot oil systems and two (2) natural gas-fueled heaters (FINs H-3 and H-6). The hot oil systems are networks of piping that circulate hot oil through the Plant and provide heat as needed. The Plant is also equipped with various fixed roof tanks (FINs GRP-TKHVY and GRP-TKHVY2) storing lube oil, antifreeze, methanol, glycol, and amine to support the operations on site.

Fugitive emissions (FINs CAT 3606 FUG, FUG, and FUG2) are generated from equipment components such as compressor engines, piping fittings, pumps, and compressor seals. ETC implements a Leak Detection and Repair (LDAR) program in order to minimize emissions from leaks at the Plants.

Additional emissions sources include compressor blowdowns, equipment startups and shutdowns, vessel blowdowns, and miscellaneous maintenance activities. All maintenance activities are authorized under PBR via 30 TAC §106.359.

Please find below a process flow diagram from the historical standard permit registration issued on 10/25/2022.



ETC Texas Pipeline, Ltd.
Standard Permit Revision
March 2023
Panther Gas Plant 1
Upton County, Texas

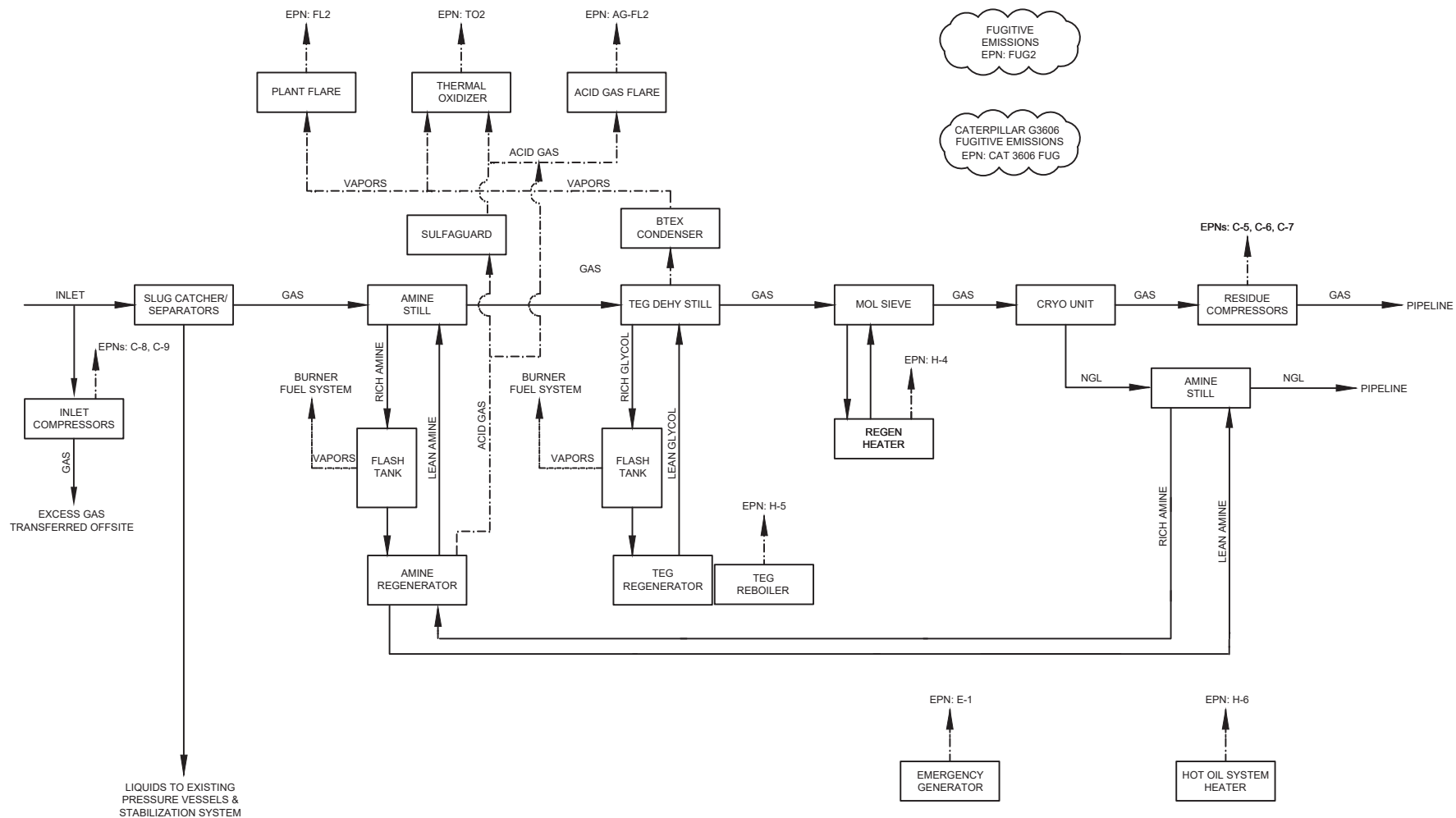


Apex Companies, LLC

2121 Midway Rd, Ste 100
Carrollton, TX 75006
Phone: (469) 365-1100
www.apexcos.com

FIGURE 4-1a

Plant 1 Process Flow Diagram



ETC Texas Pipeline, Ltd.
Standard Permit Revision
March 2023
Panther Gas Plant 2
Upton County, Texas



Apex Companies, LLC

2121 Midway Rd, Ste 100
Carrollton, TX 75006
Phone: (469) 365-1100
www.apexcos.com

FIGURE 4-1b

Plant 2 Process Flow Diagram

5. TCEQ FORM OP-CRO1

Certification By Responsible Official

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening 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: 109124057	CN: 601587652	Account No.: UB-A007-G
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant	Company Name: ETC Texas Pipeline, Ltd.	
II. Certification Type <i>(Please mark the appropriate box)</i>		
<input type="checkbox"/> Responsible Official	<input checked="" type="checkbox"/> Duly Authorized Representative	
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>		
<input checked="" type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. Certification of Truth		
<p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>Jarrod Westerman</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____ <i>Start Date</i> <i>End Date</i></p> <p>Specific Dates: <u>03/31/2023</u> _____ <i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></p>		
<p>Signature: _____ Signature Date: _____</p> <p>Title: <u>Director - Operations</u></p>		

6. TCEQ FORM OP-ACPS

Application Compliance Plan and Schedule

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

Date: 03/31/2023	Regulated Entity No.: RN109124057	Permit No.: TBA
Company Name: ETC Texas Pipeline, Ltd.		Area Name: Panther Gas Plant

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

Part 1

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

7. TCEQ FORM OP-1

Site Information Summary

**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: ETC Texas Pipeline, Ltd.
B. Customer Reference Number (CN): CN601587652
C. Submittal Date (mm/dd/yyyy): 03/31/2023
II. Site Information
A. Site Name: Panther Gas Plant
B. Regulated Entity Reference Number (RN): RN109124057
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
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? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B.	If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> YES <input type="checkbox"/> NO
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information	
A.	Is confidential information submitted in conjunction with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information	
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Toby Clark	
RO Title: VP – Operations	
Employer Name: ETC Texas Pipeline, Ltd.	
Mailing Address: 600 N. Marienfeld St., Ste. 700	
City: Midland	
State: TX	
ZIP Code: 79701	
Territory:	
Country: USA	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: (432) 614-9387	
Fax No.:	
Email: toby.clark@energytransfer.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: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Stephanie Silva
Technical Contact Title: Associate Environmental Specialist
Employer Name: ETC Texas Pipeline, Ltd.
Mailing Address: 600 N. Marienfeld St., Ste. 700
City: Midland
State: TX
ZIP Code: 79701
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (432) 203-8915
Fax No.:
Email: stephanie.silva@energytransfer.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Kevin Sparks
B. State Representative: Andrew S. Murr
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required:

**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: Energy Transfer
B. Physical Address: 600 N. Marienfeld St., Ste. 700
City: Midland
State: TX
ZIP Code: 79701
Territory:
Country: USA
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name: Stephanie Silva
E. Telephone No.: (432) 236-2362
X. Application Area Information
A. Area Name: Panther Gas Plant
B. Physical Address: From FM 1787 go south on FM 1492 1.7 miles to unnamed entrance road on left
City: Rankin
State: TX
ZIP Code: 79766
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 5)
Texas Commission on Environmental Quality**

X. Application Area Information (continued)
G. Latitude (nearest second): 31:38:31
H. Longitude (nearest second): -102:11:41
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: 64
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Ector County Library
B. Physical Address: 321 W 5th Street
City: Odessa
ZIP Code: 79761
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Stephanie Silva
Contact Mailing Address: 600 N Marienfeld, Ste 700
City: Midland
State: TX
ZIP Code: 79701
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (432) 236-2362

**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: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> 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: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
ADR Full Name:
ADR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

8. TCEQ FORM OP-SUM

Individual Unit Summary



Date:	03/31/2023	Permit No.:	TBA	Regulated Entity No.:	RN109124057
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ID No.	Applicable Form	Name/ Description	CAM	Preconstruction Authorizations		Group ID No.
				30 TAC Chapter 116/ 30 TAC Chapter 106	Title I	
C-1	OP-UA2	4,735-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG
C-2	OP-UA2	4,735-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG
C-3	OP-UA2	4,735-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG
C-4	OP-UA2	4,735-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG
C-5	OP-UA2	4,735-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG2
C-6	OP-UA2	5,000-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG2
C-7	OP-UA2	5,000-hp Caterpillar G3616 Recompressor Engine	X	139259		GRP-ENG2
C-8	OP-UA2	1,875-hp Caterpillar G3606A4 Compressor Engine		139259		
C-9	OP-UA2	1,875-hp Caterpillar G3606A4 Compressor Engine		139259		
E-1	OP-UA2	400-hp Caterpillar CG137-8 Generator Engine		139259		
PRODTK-1	OP-UA3	Stabilized Product Tank 1 (750 bbl)		139259		GRP-PROD
PRODTK-2	OP-UA3	Stabilized Product Tank 2 (750 bbl)		139259		GRP-PROD
PRODTK-3	OP-UA3	Stabilized Product Tank 3 (750 bbl)		139259		GRP-PROD
PRODTK-4	OP-UA3	Stabilized Product Tank 4 (750 bbl)		139259		GRP-PROD
PRODTK-5	OP-UA3	Stabilized Product Tank 5 (750 bbl)		139259		GRP-PROD
PRODTK-6	OP-UA3	Stabilized Product Tank 6 (750 bbl)		139259		GRP-PROD
SLOPTK-1	OP-UA3	Slop Water Tank 1 (500 bbl)		139259		GRP-TKW
SLOPTK-2	OP-UA3	Slop Water Tank 2 (500 bbl)		139259		GRP-TKW
SLOPTK-3	OP-UA3	Slop Water Tank 3 (500 bbl)		139259		GRP-TKW
SLOPTK-4	OP-UA3	Slop Water Tank 4 (500 bbl)		139259		GRP-TKW



Date:	03/31/2023	Permit No.:	TBA	Regulated Entity No.:	RN109124057
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ID No.	Applicable Form	Name/ Description	CAM	Preconstruction Authorizations		Group ID No.
				30 TAC Chapter 116/ 30 TAC Chapter 106	Title I	
AMINETK-1	OP-UA3	Amine Tank (210 bbl)		139259		GRP-TKANC
GLYCOLTK-1	OP-UA3	Glycol Tank (150 bbl)		139259		GRP-TKANC
HMOTK-1	OP-UA3	HMO Tank (150 bbl)		139259		GRP-TKANC
COOLTK-1	OP-UA3	Coolant Tank 1 (150 bbl)		139259		GRP-TKANC
COOLTK-2	OP-UA3	Coolant Tank 2 (150 bbl)		139259		GRP-TKANC
OILTK-1	OP-UA3	New Engine Oil Tank (100 bbl)		139259		GRP-TKANC
OILTK-2	OP-UA3	Used Engine Oil Tank (100 bbl)		139259		GRP-TKANC
AMINETK-2	OP-UA3	Amine Tank 2 (210 bbl)		139259		GRP-TKANC
GLYCOLTK-2	OP-UA3	Glycol Tank 2 (150 bbl)		139259		GRP-TKANC
HMOTK-2	OP-UA3	HMO Tank 2 (150 bbl)		139259		GRP-TKANC
COOLTK-3	OP-UA3	Coolant Tank 3 (150 bbl)		139259		GRP-TKANC
COOLTK-4	OP-UA3	Coolant Tank 4 (150 bbl)		139259		GRP-TKANC
OILTK-3	OP-UA3	New Engine Oil Tank 2 (100 bbl)		139259		GRP-TKANC
OILTK-4	OP-UA3	Used Engine Oil Tank 2 (100 bbl)		139259		GRP-TKANC
LOAD1A	OP-MON	Stabilized Product Truck Loading 1	X	139259		
LOAD1B	OP-MON	Stabilized Product Truck Loading 2	X	139259		
FUG	OP-UA12	Plant 1 Fugitives		139259		
FUG2	OP-UA12	Plant 2 Fugitives		139259		
CAT 3606 FUG	OP-UA12	Caterpillar G3606 Fugitives		139259		
H-1	OP-UA6	Regen Gas Heater		139259		
H-2	OP-UA6	TEG Reboiler		139259		
H-3	OP-UA6	Process Heater		139259		
H-4	OP-UA6	Regen Gas Heater		139259		
H-5	OP-UA6	TEG Reboiler		139259		
H-6	OP-UA6	Process Heater		139259		
FL-PL	OP-UA7	Plant 1 Flare Pilot		139259		
FL-PL	OP-UA7	Plant 1 Flare Pilot		106.359/09/10/2023[156547]		
FL-PL2	OP-UA7	Plant 2 Flare Pilot		139259		
FL-PL2	OP-UA7	Plant 2 Flare Pilot		106.359/09/10/2023[156547]		
AG-FL	OP-UA7	Plant 1 Acid Gas Flare Pilot		139259		



Date:	03/31/2023	Permit No.:	TBA	Regulated Entity No.:	RN109124057
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ID No.	Applicable Form	Name/ Description	CAM	Preconstruction Authorizations		Group ID No.
				30 TAC Chapter 116/ 30 TAC Chapter 106	Title I	
AG-FL2	OP-UA7	Plant 2 Acid Gas Flare Pilot		139259		
COMP-1	OP-UA12	Reciprocating Compressor 1		139259		GRP-COMP
COMP-2	OP-UA12	Reciprocating Compressor 2		139259		GRP-COMP
COMP-3	OP-UA12	Reciprocating Compressor 3		139259		GRP-COMP
COMP-4	OP-UA12	Reciprocating Compressor 4		139259		GRP-COMP
COMP-5	OP-UA12	Reciprocating Compressor 5		139259		GRP-COMP
COMP-6	OP-UA12	Reciprocating Compressor 6		139259		GRP-COMP
COMP-7	OP-UA12	Reciprocating Compressor 7		139259		GRP-COMP
COMP-8	OP-UA12	Reciprocating Compressor 8		139259		GRP-COMP
COMP-9	OP-UA12	Reciprocating Compressor 9		139259		GRP-COMP
DEHY	OP-UA62	TEG Dehydration Unit 1	X	139259		
DEHY2	OP-UA62	TEG Dehydration Unit 2	X	139259		
PRO-AMINE	OP-UA10	Amine Sweetening Unit 1	X	139259		
PRO-AMINE2	OP-UA10	Amine Sweetening Unit 2	X	139259		

Stationary Reciprocating Internal Combustion Engine Attributes

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.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-ENG	63ZZZZ-1	AREA	500+	06+			
GRP-ENG2	63ZZZZ-1	AREA	500+	06+			
C-8	63ZZZZ-1	AREA	500+	06+			
C-9	63ZZZZ-1	AREA	500+	06+			
E-1	63ZZZZ-2	AREA	300-500	06+			

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 8)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subchapter JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Construction/ Reconstruction/ Modification Date	Test Cell	Exemption	Temp Replacement	Horsepower	Fuel	AEL No.	Lean Burn	Commencing
GRP-ENG	60JJJJ-1	YES	NO	NONE	NO	1350+	NATGAS			CON
GRP-ENG2	60JJJJ-1	YES	NO	NONE	NO	1350+	NATGAS			CON
C-8	60JJJJ-1	YES	NO	NONE	NO	1350+	NATGAS			CON
C-9	60JJJJ-1	YES	NO	NONE	NO	1350+	NATGAS			CON
E-1	60JJJJ-2	YES	NO	NONE	NO	130-500E	NATGAS			CON

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 9)
Federal Operating Permit Program
Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subchapter JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Displacement	Certified	Operation	Certified Modification	Service	Severe Duty	Optional Compliance
GRP-ENG	60JJJJ-1	N0710+		NO			NON		
GRP-ENG2	60JJJJ-1	N0710+		NO			NON		
C-8	60JJJJ-1	N0710+		NO			NON		
C-9	60JJJJ-1	N0710+		NO			NON		
E-1	60JJJJ-2	N0111+E		NO			EMERG		

10. TCEQ FORM OP-UA3

Storage Tank/Vessel Attributes

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.
03/31/2023	TBA	RN109124057

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.
GRP-PROD	60KB-1	PTCD-BF3	420K-							
GRP-TKW	60KB-2	VOL	20K-40K	NONE	2.2-					
GRP-TKANC	60KB-3	VOL	10K-							

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 64)

Federal Operating Permit Program

Table 24a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Subject to Another Regulation	PTE	Compliance Option	Control Option	Control Device ID No.
GRP-PROD	600000a-1	15+	NO	6-			
GRP-TKW	600000a-1	15+	NO	6-			

Boiler/Steam Generator/Steam Generating Unit Attributes

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP Index No.	Construction/Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO ₂	ACF Option PM	30% Coal Duct Burner
H-1	60Dc-1	05+	10-100	NONE	10-30	NG			OTHR	OTHR	NO
H-2	60Dc-2	05+	10-								
H-3	60Dc-3	05+	10-100	NONE	75-100	NG			OTHR	OTHR	NO
H-4	60Dc-1	05+	10-100	NONE	10-30	NG			OTHR	OTHR	NO
H-5	60Dc-2	05+	10-								
H-6	60Dc-4	05+	10-100	NONE	30-75	NG			OTHR	OTHR	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 12)
Federal Operating Permit Program
Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO ₂ Inlet	Monitoring Type SO ₂ Outlet	Technology Type	43CE-Option	47C-Option
H-1	60Dc-1	NONE	NONE	NONE	NONE		
H-2	60Dc-2	NONE	NONE	NONE	NONE		
H-3	60Dc-3	NONE	NONE	NONE	NONE		
H-4	60Dc-1	NONE	NONE	NONE	NONE		
H-5	60Dc-2	NONE	NONE	NONE	NONE		
H-6	60Dc-4	NONE	NONE	NONE	NONE		

12. TCEQ FORM OP-UA7

Flare Unit Attributes

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.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
FL-PL	R1111-1	NO	NO			
FL-PL2	R1111-1	NO	NO			
AG-FL	R1111-2	YES		NO		72+
AG-FL2	R1111-2	YES		NO		72+

**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.
03/31/2023	TBA	RN109124057

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
FL-PL	60A-1	NO				
FL-PL2	60A-1	NO				
AG-FL	60A-1	NO				
AG-FL2	60A-1	NO				

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.
03/31/2023	TBA	RN109124057

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
FL-PL	63A-1	NO				
FL-PL2	63A-1	NO				
AG-FL	63A-1	NO				
AG-FL2	63A-1	NO				

Gas Sweetening/Sulfur Recovery Unit Attributes

Gas Sweetening/Sulfur Recovery Unit Attributes
Form OP-UA10 (Page 2)
Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart LLL: Standards of Performance for Onshore Natural Gas Processing: SO₂ Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Process ID No.	SOP/GOP Index No.	Onshore	Construction Date	Acid Gas Vented	Design Capacity
PRO-AMINE	60LLL-1	YES	11+		
PRO-AMINE2	60LLL-1	YES	11+		

**Gas Sweetening/Sulfur Recovery Unit Attributes
Form OP-UA10 (Page 4)**

Federal Operating Permit Program

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

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or
Reconstruction Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Process ID No.	SOP/GOP Index No.	Construction/ Modification Date	Onshore	Facility Type	Design Capacity	Compliance Method	Control Device ID No.
PRO-AMINE	600000a-2	15+	YES	SWEET	2-		
PRO-AMINE2	600000a-2	15+	YES	SWEET	2-		

**Gas Sweetening/Sulfur Recovery Unit Attributes
Form OP-UA10 (Page 5)**

Federal Operating Permit Program

**Table 4: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart OOOO: Standards of Performance
for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	GOP Index No.	Construction/Modification Date	Onshore	Acid Gas Vented	Design Capacity	Choosing to Comply With §60.5407(e)	Compliance Method
PRO-AMINE	600000-1	15+					
PRO-AMINE2	600000-1	15+					

14. TCEQ FORM OP-UA12

Fugitive Emission Unit Attributes

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Facility Type	Construction/Modification Date	Facility Covered by 40 CFR Part 60, Subparts VV or GGG	Title 40 CFR	Part 60, Subpart	KKK	Fugitives Unit	Components
					Compressors	Reciprocating Compressor in Wet Gas Service	AMEL	AMEL ID No.	Complying with § 60.482-3
FUG	60KKK-1	GROUP	11+						
FUG2	60KKK-1	GROUP	11+						
CAT3606FUG	60KKK-1	GROUP	11+						

Fugitive Emission Unit Attributes

Form OP-UA12 (Page 170)

Federal Operating Permit Program

Table 19b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Reciprocating Compressor	AMEL	Bypass Device
GRP-COMP	60OOOOa-3	15+	RC36-	NO	

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 19e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Construction/Modification Date	Fugitive Component	AMEL	Subject to Another Regulation
FUG		15+	EQNGPP		NO
FUG2		15+	EQNGPP		NO
CAT3606FUG		15+	EQNGPP		NO

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 174)**

Federal Operating Permit Program

Table 19f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components					
		Any Vacuum Service	Pumps				
			Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-2a
FUG	60OOOOa-4	NO	YES	NO	NO		YES
FUG2	60OOOOa-4	NO	YES	NO	NO		YES
CAT3606FUG		NO	NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 175)**

Federal Operating Permit Program

Table 19g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60,	Subpart OOOOa	Fugitive Unit Components	
		Pressure Relief Devices			
		Gas/Vapor Service	Design Capacity < 10MM	AMEL	Complying with 60.482-4a
FUG	600000a-5	YES	NO	NO	YES
FUG2	600000a-5	YES	NO	NO	YES
CAT3606FUG	600000a-5	YES	NO	NO	YES

Fugitive Emission Unit Attributes**Form OP-UA12 (Page 176)****Federal Operating Permit Program****Table 19h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)****Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction****Commenced After September 18, 2015****Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part60,	Subpart OOOOa Fugitive	Unit Components	(continued)
		Valves			
		Open-Ended	AMEL	AMEL ID No.	Complying with 60.482-6a
FUG	600000a-6	YES	NO		YES
FUG2	600000a-6	YES	NO		YES
CAT3606FUG		NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 177)**

Federal Operating Permit Program

Table 19i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40CFR Part 60, Subpart OOOOa Fugitives Unit Components (continued)					
		Valves					
		Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	2.0%	AMEL	AMEL ID No.	Complying with 60.482-7a
FUG	60OOOOa-7	YES	NO	YES	NO		YES
FUG2	60OOOOa-7	YES	NO	YES	NO		YES
CAT3606FUG	60OOOOa-7	YES	NO	YES	NO		YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 178)
Federal Operating Permit Program**

Table 19j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a
FUG		NO				NO			
FUG2		NO				NO			
CAT3606FUG		NO				NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 179)**

Federal Operating Permit Program

Table 19k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR	Part 60,	Subpart OOOOa	Fugitive Unit	Components (continued)			
		Pressure		Relief Devices		Connectors			
		Heavy or Light Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a
FUG	600000a-8	YES	NO		YES	NO			
FUG2	600000a-8	YES	NO		YES	NO			
CAT3606FUG		NO				NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 180)
Federal Operating Permit Program**

Table 19I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa	Fugitive Unit	Components	(continued)
		Closed-Vent Systems and Control Devices (continued)			
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with 60.482-10a Control Device ID No.
FUG	60OOOOa-9	YES	NO		YES FL-PL
FUG2	60OOOOa-9	YES	NO		YES FL-PL2
CAT3606FUG		NO			

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 181)**

Federal Operating Permit Program

Table 19m: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa		Fugitive Unit	Components	(continued)
		Closed-Vent Systems		and Control Devices	(continued)	
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.
FUG		NO				
FUG2		NO				
CAT3606FUG		NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 182)
Federal Operating Permit Program**

Table 19n: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part	60, Subpart OOOOa	Fugitive Unit	Components	(continued)
		Control Devices				
		Flare	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.
FUG	60OOOOa-10	YES	NO		YES	FL-PL
FUG2	60OOOOa-10	YES	NO		YES	FL-PL2
CAT3606FUG		NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 183)
Federal Operating Permit Program**

Table 19o: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No	Title 40		CFR Part 60,	Subpart	OOOOa	Fugitive	Unit	Components (continued)		
		Control		Devices		Connectors					
		CVS	AMEL	AMEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-11a	
FUG	600000a-11; 600000a-12	YES	NO		YES	YES	NO	NO		YES	
FUG2	600000a-11; 600000a-12	YES	NO		YES	YES	NO	NO		YES	
CAT3606FUG	600000a-12	NO				YES	NO	NO		YES	

Fugitive Emission Unit Attributes

Form OP-UA12 (Page 184)

Federal Operating Permit Program

Table 19p: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Description
FUG		Site Fugitives
FUG2		Plant 2 Fugitives
CAT3606FUG		Caterpillar G3606 Fugitives

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 186)
Federal Operating Permit Program**

Table 20b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction,
Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID. No.	SOP/GOP Index No.	Construction/ Modification Date	Reciprocating Compressor	Bypass Device
GRP-COMP		15+		

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 188)
Federal Operating Permit Program**

Table 20d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction,
Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
03/31/2023	TBA	RN109124057

Unit ID No.	SOP/GOP Index No.	Subject to Another Subpart	Construction/Modification Date
FUG		NONE	15+
FUG2		NONE	15+
CAT3606FUG		NONE	15+

Glycol Dehydration Unit Attributes

**Texas Commission on Environmental Quality
Glycol Dehydration Unit Attributes
Form OP-UA62 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter HH: National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities**

Date:	03/31/2023
Permit No.:	TBA
Regulated Entity No.:	RN109124057

GOP Questions highlighted.

Emission Point ID No.	SOP/GOP Index No.	Alternate Means of Emission Limitation (AMEL)	AMEL ID No.	HAP Source	Affected Source Type	Area Source Exemption	Existing Unit
DEHY	63HH-1	NO		AREA	NTEGU	90-	
DEHY2	63HH-1	NO		AREA	NTEGU	90-	

16. TCEQ FORM OP-REQ1

Application Area-Wide Applicability Determinations and General Information

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

Date:	03/31/2023
Permit No.:	TBA
RN No.:	RN109124057

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</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>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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

Date:	03/31/2023
Permit No.:	TBA
RN No.:	RN109124057

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

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

Date:	03/31/2023
Permit No.:	TBA
RN No.:	RN109124057

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

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

Date:	03/31/2023
Permit No.:	TBA
RN No.:	RN109124057

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

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

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

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

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

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

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

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

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

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

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

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

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

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

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

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

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

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Fabricating Commercial Asbestos (continued)</i>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Non-sprayed Asbestos Insulation</i>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Conversion</i>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Transfer Racks</i>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> 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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

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

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	<p>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.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>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.</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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).</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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Form OP-REQ1: Page 60	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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Form OP-REQ1: Page 67	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> 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>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart 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>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Form OP-REQ1: Page 79	
XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program	
1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 80	
XI. Miscellaneous (continued)	
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program	
1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 81		
XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 82		
XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 84		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 139259	Issuance Date: 10/25/2022	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.: 106.359	Version No./Date: 09/10/2013
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:
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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:

17. TCEQ FORM OP-REQ2

Negative Applicable Requirement Determinations



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date: 03/31/2023	Permit No: TBA	Regulated Entity No.: RN109124057
Area Name: Panther Gas Plant	Customer Reference No.: CN601587652	

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		GRP-PROD	OP-UA3	NSPS Kb	60.110b(d)(4)	The storage tanks have a capacity less than 1,589.874 cubic meters (420,000 gallons) used for condensate stored, processed, or treated prior to custody transfer.
		GRP-TKW	OP-UA3	NSPS Kb	60.110b(b)	The storage tanks have a capacity greater than 75 cubic meters but less than 151 m3 storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
		GRP-TKANC	OP-UA3	NSPS Kb	60.110b(a)	The storage tanks have a capacity less than 75 cubic meters (19,800 gallons).
		GRP-PROD	OP-UA3	NSPS OOOO	60.5365	The storage tanks were constructed after September 18, 2015.
		GRP-TKW	OP-UA3	NSPS OOOO	60.5365	The storage tanks were constructed after September 18, 2015.
		GRP-TKANC	OP-UA3	NSPS OOOO	60.5365(e)	These tanks do not meet the definition of a storage vessel per the rule.
		GRP-PROD	OP-UA3	NSPS OOOOa	§60.5365a(e)	These tanks have a potential to emit < 6 tpy of VOC.
		GRP-TKW	OP-UA3	NSPS OOOOa	§60.5365a(e)	These tanks have a potential to emit < 6 tpy of VOC.
		GRP-TKANC	OP-UA3	NSPS OOOOa	60.5365a(e)	These tanks do not meet the definition of a storage vessel per the rule.
		H-2	OP-UA6	NSPS Dc	60.40c(a)	The heater has a capacity less than 10 MMBtu/hr.
		H-5	OP-UA6	NSPS Dc	60.40c(a)	The heater has a capacity less than 10 MMBtu/hr.
		FL-PL	OP-UA7	NSPS A	60.18(a)	The flare is not controlling a source subject to an NSPS.
		FL-PL	OP-UA7	NESHAP A	61.01(c)	The flare is not controlling a source subject to an NESHAP.
		FL-PL2	OP-UA7	NSPS A	60.18(a)	The flare is not controlling a source subject to an NSPS.
		FL-PL2	OP-UA7	NESHAP A	61.01(c)	The flare is not controlling a source subject to an NESHAP.
		AG-FL	OP-UA7	NSPS A	60.18(a)	The flare is not controlling a source subject to an NSPS.



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Negative Applicable Requirement Determinations
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Date: 03/31/2023	Permit No: TBA	Regulated Entity No.: RN109124057
Area Name: Panther Gas Plant	Customer Reference No.: CN601587652	

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		AG-FL	OP-UA7	NESHAP A	61.01(c)	The flare is not controlling a source subject to an NESHAP.
		AG-FL2	OP-UA7	NSPS A	60.18(a)	The flare is not controlling a source subject to an NSPS.
		AG-FL2	OP-UA7	NESHAP A	61.01(c)	The flare is not controlling a source subject to an NESHAP.
		FL-PL	OP-UA7	MACT A	63.11(a)	The flare is not controlling a source subject to a MACT Subpart.
		FL-PL2	OP-UA7	MACT A	63.11(a)	The flare is not controlling a source subject to a MACT Subpart.
		AG-FL	OP-UA7	MACT A	63.11(a)	The flare is not controlling a source subject to a MACT Subpart.
		AG-FL2	OP-UA7	MACT A	63.11(a)	The flare is not controlling a source subject to a MACT Subpart.
		PRO-AMINE	OP-UA10	NSPS LLL	60.640(d)	The amine unit was constructed after August 23, 2011.
		PRO-AMINE2	OP-UA10	NSPS LLL	60.640(d)	The amine unit was constructed after August 23, 2011.
		PRO-AMINE	OP-UA10	NSPS OOOO	60.5365	The amine unit was constructed after September 18, 2015.
		PRO-AMINE2	OP-UA10	NSPS OOOO	60.5365	The amine unit was constructed after September 18, 2015.
		GRP-COMP	OP-UA12	NSPS OOOO	60.5365	The reciprocating compressors were constructed after September 18, 2015.
		FUG	OP-UA12	NSPS OOOO	60.5365	The fugitive components were constructed after September 18, 2015.
		FUG2	OP-UA12	NSPS OOOO	60.5365	The fugitive components were constructed after September 18, 2015.
		CAT3606FUG	OP-UA12	NSPS OOOO	60.5365	The fugitive components were constructed after September 18, 2015.
		FUG	OP-UA12	NSPS KKK	60.630(b)	The fugitive components were constructed after August 23, 2011.
		FUG2	OP-UA12	NSPS KKK	60.630(b)	The fugitive components were constructed after August 23, 2011.
		CAT 3606 FUG	OP-UA12	NSPS KKK	60.630(b)	The fugitive components were constructed after August 23, 2011.

18. TCEQ FORM OP-REQ3

Applicable Requirements Summary



**Applicable Requirements Summary
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Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	GRP-ENG	OP-UA2	63ZZZZ-1	HAP	MACT ZZZZ	§63.6590(c)
	GRP-ENG	OP-UA2	60JJJJ-1	NO _x	NSPS JJJJ	§60.4233(e)-Table 1 6 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	GRP-ENG	OP-UA2	60JJJJ-1	CO	NSPS JJJJ	§60.4233(e)-Table 1 19 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	GRP-ENG	OP-UA2	60JJJJ-1	VOC	NSPS JJJJ	§60.4233(e)-Table 1 28 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	GRP-ENG2	OP-UA2	63ZZZZ-1	HAP	MACT ZZZZ	§63.6590(c)



**Applicable Requirements Summary
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Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	GRP-ENG2	OP-UA2	60JJJJ-1	NO _x	NSPS JJJJ	§60.4233(e)-Table 1 6 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	GRP-ENG2	OP-UA2	60JJJJ-1	CO	NSPS JJJJ	§60.4233(e)-Table 1 19 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	GRP-ENG2	OP-UA2	60JJJJ-1	VOC	NSPS JJJJ	§60.4233(e)-Table 1 28 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	C-8	OP-UA2	63ZZZZ-1	HAP	MACT ZZZZ	§63.6590(c)
	C-8	OP-UA2	60JJJJ-1	NO _x	NSPS JJJJ	§60.4233(e)-Table 1 6 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)



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Federal Operating Permit Program**

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	C-8	OP-UA2	60JJJJ-1	CO	NSPS JJJJ	§60.4233(e)-Table 1 19 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	C-8	OP-UA2	60JJJJ-1	VOC	NSPS JJJJ	§60.4233(e)-Table 1 28 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	C-9	OP-UA2	63ZZZZ-1	HAP	MACT ZZZZ	§63.6590(c)
	C-9	OP-UA2	60JJJJ-1	NO _x	NSPS JJJJ	§60.4233(e)-Table 1 6 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	C-9	OP-UA2	60JJJJ-1	CO	NSPS JJJJ	§60.4233(e)-Table 1 19 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)



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

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	C-9	OP-UA2	60JJJJ-1	VOC	NSPS JJJJ	§60.4233(e)-Table 1 28 §60.4234 §60.4243(b), (g) §60.4246 §60.4243(b)(2), (b)(2)(ii) §60.4243(e)
	E-1	OP-UA2	63ZZZZ-1	HAP	MACT ZZZZ	§63.6590(c)
	E-1	OP-UA2	60JJJJ-2	NO _x	NSPS JJJJ	§60.4233(e)-Table 1 34 §60.4234 §60.4243(b), [G](d), (g) §60.4246 §60.4243(b)(2) §60.4243(b)(2)(i)
	E-1	OP-UA2	60JJJJ-2	CO	NSPS JJJJ	§60.4233(e)-Table 1 36 §60.4234 §60.4243(b), [G](d), (g) §60.4246 §60.4243(b)(2) §60.4243(b)(2)(i)
	E-1	OP-UA2	60JJJJ-2	VOC	NSPS JJJJ	§60.4233(e)-Table 1 36 §60.4234 §60.4243(b), [G](d), (g) §60.4246 §60.4243(b)(2) §60.4243(b)(2)(i)



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

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	H-1	OP-UA6	60Dc-1	SO ₂	NSPS Dc	§60.40c(a)
	H-1	OP-UA6	60Dc-1	PM	NSPS Dc	§60.40c(a)
	H-1	OP-UA6	60Dc-1	PM (OPACITY)	NSPS Dc	§60.40c(a)
	H-3	OP-UA6	60Dc-2	SO ₂	NSPS Dc	§60.40c(a)
	H-3	OP-UA6	60Dc-2	PM	NSPS Dc	§60.40c(a)



**Applicable Requirements Summary
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Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	H-3	OP-UA6	60Dc-2	PM (OPACITY)	NSPS Dc	§60.40c(a)
	H-4	OP-UA6	60Dc-1	SO ₂	NSPS Dc	§60.40c(a)
	H-4	OP-UA6	60Dc-1	PM	NSPS Dc	§60.40c(a)
	H-4	OP-UA6	60Dc-1	PM (OPACITY)	NSPS Dc	§60.40c(a)
	H-6	OP-UA6	60Dc-3	SO ₂	NSPS Dc	§60.40c(a)



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

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	H-6	OP-UA6	60Dc-3	PM	NSPS Dc	§60.40c(a)
	H-6	OP-UA6	60Dc-3	PM (OPACITY)	NSPS Dc	§60.40c(a)
	FL-PL	OP-UA7	R1111-1	PM(OPACITY)	Chapter 111	§111.111(a)(4)(A)
	FL-PL2	OP-UA7	R1111-1	PM(OPACITY)	Chapter 111	§111.111(a)(4)(A)
	AG-FL	OP-UA7	R1111-2	PM(OPACITY)	Chapter 111	§111.111(a)(4)(A) §111.111(a)(1)(B), (a)(1)(E)



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Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	AG-FL2	OP-UA7	R1111-2	PM(OPACITY)	Chapter 111	§111.111(a)(4)(A) §111.111(a)(1)(B), (a)(1)(E)
	PRO-AMINE	OP-UA10	600000a-2	SO ₂	NSPS 0000a	§ 60.5365a(g)(3) § 60.5370a(b)
	PRO-AMINE2	OP-UA10	600000a-2	SO ₂	NSPS 0000a	§ 60.5365a(g)(3) § 60.5370a(b)
	GRP-COMP	OP-UA12	600000a-3	VOC	NSPS 0000a	§60.5385a(a)(2) §60.5370a(a)-(b) §60.5385a, (a)-(d) §60.5410a §60.5415a(c), (c)(2)-(3)
	FUG	OP-UA12	600000a-4	VOC	NSPS 0000a	§60.5400a(a)4 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-2a(a)(1)-(2), (b)(1) §60.482-2a(b)(1)(i)-(ii), (b)(2), (b)(2)(ii) §60.482-2a(c)(1), [G](c)(2), (d), [G](d)(1) §60.482-2a(d)(2)-(3), [G](d)(6), [G](e) §60.482-2a(f), [G](g), (h) §60.482-9a(a)-(b), [G](d), (f) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k)



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

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	FUG2	OP-UA12	600000a-4	VOC	NSPS 0000a	§60.5400a(a)4 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-2a(a)(1)-(2), (b)(1) §60.482-2a(b)(1)(i)-(ii), (b)(2), (b)(2)(ii) §60.482-2a(c)(1), [G](c)(2), (d), [G](d)(1) §60.482-2a(d)(2)-(3), [G](d)(6), [G](e) §60.482-2a(f), [G](g), (h) §60.482-9a(a)-(b), [G](d), (f) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k)
	FUG	OP-UA12	600000a-5	VOC	NSPS 0000a	§60.5400a(a)5 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(b)(2), (b)(3)(i)-(ii) §60.5401a(b)(4)(i)-(ii), (d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-4a(a), (b)(1)-(2), (c) §60.482-4a(d)(1)-(2) §60.482-9a(a)-(b) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k)
	FUG2	OP-UA12	600000a-5	VOC	NSPS 0000a	§60.5400a(a)5 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(b)(2), (b)(3)(i)-(ii) §60.5401a(b)(4)(i)-(ii), (d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-4a(a), (b)(1)-(2), (c) §60.482-4a(d)(1)-(2) §60.482-9a(a)-(b) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k)



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

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	CAT 3606 FUG	OP-UA12	600000a-5	VOC	NSPS OOOOa	§60.5400a(a)5 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(b)(2), (b)(3)(i)-(ii) §60.5401a(b)(4)(i)-(ii), (d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-4a(a), (b)(1)-(2), (c) §60.482-4a(d)(1)-(2) §60.482-9a(a)-(b) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k)
	FUG	OP-UA12	600000a-6	VOC	NSPS OOOOa	§60.5400a(a)7 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-6a(a)(1)-(2), (b)-(e) §60.485a(b), (f) §60.486a(a)(1)-(2), (k)
	FUG2	OP-UA12	600000a-6	VOC	NSPS OOOOa	§60.5400a(a)7 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-6a(a)(1)-(2), (b)-(e) §60.485a(b), (f) §60.486a(a)(1)-(2), (k)
	FUG	OP-UA12	600000a-7	VOC	NSPS OOOOa	§60.5400a(a)8 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-7a(a)(1), [G](a)(2), (b) [G]§60.482-7a(c)-(h) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k) §60.5400a(b) §60.483-1a(a), (b), (b)(3), (c) §60.483-1a(c)(2)-(3), (d) §60.483-2a(a)(1), (b)(1)-(5) §60.485a(b), [G](h)



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Federal Operating Permit Program**

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	FUG2	OP-UA12	600000a-7	VOC	NSPS 0000a	§60.5400a(a)8 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-7a(a)(1), [G](a)(2), (b) [G]§60.482-7a(c)-(h) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k) §60.5400a(b) §60.483-1a(a), (b), (b)(3), (c) §60.483-1a(c)(2)-(3), (d) §60.483-2a(a)(1), (b)(1)-(5) §60.485a(b), [G](h)
	CAT 3606 FUG	OP-UA12	600000a-7	VOC	NSPS 0000a	§60.5400a(a)8 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-7a(a)(1), [G](a)(2), (b) [G]§60.482-7a(c)-(h) §60.485a(b), (c), (c)(1), (f) §60.486a(a)(1)-(2), (k) §60.5400a(b) §60.483-1a(a), (b), (b)(3), (c) §60.483-1a(c)(2)-(3), (d) §60.483-2a(a)(1), (b)(1)-(5) §60.485a(b), [G](h)
	FUG	OP-UA12	600000a-8	VOC	NSPS 0000a	§60.5400a(a)12 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) [G]§60.482-2a(c)(2) [G]§60.482-7a(e) §60.482-8a(a), (a)(2), (b), [G](c), (d) §60.482-9a(a)-(b) §60.485a(b), (f) §60.486a(a)(1)-(2), (k)



**Applicable Requirements Summary
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Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	FUG2	OP-UA12	600000a-8	VOC	NSPS 0000a	§60.5400a(a) 12 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) [G]§60.482-2a(c)(2) [G]§60.482-7a(e) §60.482-8a(a), (a)(2), (b), [G](c), (d) §60.482-9a(a)-(b) §60.485a(b), (f) §60.486a(a)(1)-(2), (k)
	FUG	OP-UA12	600000a-9	VOC	NSPS 0000a	§60.5400a(a) 13 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-10a(a)-(b), (m) §60.485a(b)-(c), (c)(1), (f) §60.486a(a)(1)-(2), (k)
	FUG2	OP-UA12	600000a-9	VOC	NSPS 0000a	§60.5400a(a) 13 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-10a(a)-(b), (m) §60.485a(b)-(c), (c)(1), (f) §60.486a(a)(1)-(2), (k)



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

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	FUG	OP-UA12	600000a-10	VOC	NSPS 0000a	§60.5400a(a) 15 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.18(b) §60.482-1a(a)-(b) §60.482-10a(a), (d), (m) §60.485a(b)-(c), (c)(1), (f) §60.486a(a)(1)-(2), (k)
	FUG2	OP-UA12	600000a-10	VOC	NSPS 0000a	§60.5400a(a) 15 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.18(b) §60.482-1a(a)-(b) §60.482-10a(a), (d), (m) §60.485a(b)-(c), (c)(1), (f) §60.486a(a)(1)-(2), (k)
	FUG	OP-UA12	600000a-11	VOC	NSPS 0000a	§60.5400a(a) 16 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-10a(a), [G](f)-(g), (h)-(i) [G]§60.482-10a(j)-(k), (m) §60.485a(b) §60.486a(a)(1)-(2), (k)



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

Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	FUG2	OP-UA12	600000a-11	VOC	NSPS OOOOa	§60.5400a(a) 16 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5410a, (f) §60.5415a(f) §60.482-1a(a)-(b) §60.482-10a(a), [G](f)-(g), (h)-(i) [G]§60.482-10a(j)-(k), (m) §60.485a(b) §60.486a(a)(1)-(2), (k)
	FUG	OP-UA12	600000a-12	VOC	NSPS OOOOa	§60.5400a(a) 17 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-9a(a)-(b) §60.482-11a(b)(2)-(3), (b)(3)(i), (d) [G]§60.482-11a(e), [G](f)(1), (f)(2), (g) §60.485a(b) §60.486a(a)(1)-(2), (k)
	FUG2	OP-UA12	600000a-12	VOC	NSPS OOOOa	§60.5400a(a) 17 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-9a(a)-(b) §60.482-11a(b)(2)-(3), (b)(3)(i), (d) [G]§60.482-11a(e), [G](f)(1), (f)(2), (g) §60.485a(b) §60.486a(a)(1)-(2), (k)
	CAT 3606 FUG	OP-UA12	600000a-12	VOC	NSPS OOOOa	§60.5400a(a) 17 §60.5370a(a)-(b) §60.5400a(a), (d)-(f) §60.5401a(d) §60.5410a, (f) §60.5415a(f) §60.482-9a(a)-(b) §60.482-11a(b)(2)-(3), (b)(3)(i), (d) [G]§60.482-11a(e), [G](f)(1), (f)(2), (g) §60.485a(b) §60.486a(a)(1)-(2), (k)



**Applicable Requirements Summary
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Table 1a: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process		SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement	
	ID No.	Applicable Form			Name	Standard(s)
	DEHY	OP-UA62	63HH-1	HAP	MACT HH	§63.764(e)(1)(ii) §63.764(a), (e)(1), (j) §63.775(c)(8)
	DEHY2	OP-UA62	63HH-1	HAP	MACT HH	§63.764(e)(1)(ii) §63.764(a), (e)(1), (j) §63.775(c)(8)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	GRP-ENG	63ZZZZ-1	HAP	N/A	N/A	N/A
	GRP-ENG	60JJJJ-1	NO _x	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (d) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	GRP-ENG	60JJJJ-1	CO	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (e) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	GRP-ENG	60JJJJ-1	VOC	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (f), (g) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	GRP-ENG2	63ZZZZ-1	HAP	N/A	N/A	N/A



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	GRP-ENG2	60JJJJ-1	NO _x	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (d) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	GRP-ENG2	60JJJJ-1	CO	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (e) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	GRP-ENG2	60JJJJ-1	VOC	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (f), (g) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	C-8	63ZZZZ-1	HAP	N/A	N/A	N/A
	C-8	60JJJJ-1	NO _x	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (d) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	C-8	60JJJJ-1	CO	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (e) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	C-8	60JJJJ-1	VOC	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (f), (g) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	C-9	63ZZZZ-1	HAP	N/A	N/A	N/A
	C-9	60JJJJ-1	NO _x	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (d) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	C-9	60JJJJ-1	CO	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (e) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	C-9	60JJJJ-1	VOC	§60.4243(b)(2), (b)(2)(ii) §60.4244(a), (b), (c), (f), (g) §60.4243(e)	§60.4245(a), (a)(2) §60.4243(b)(2), (b)(2)(ii) §60.4245(a)(1), (a)(4) §60.4243(e)	[G]§60.4245(c), (d)
	E-1	63ZZZZ-1	HAP	N/A	N/A	N/A
	E-1	60JJJJ-2	NO _x	§60.4244(a), (b), (c), (d) §60.4243(b)(2)(i), (f) §60.4237(b)	§60.4245(a), (a)(1), (a)(2) §60.4245(a)(4) §60.4243(b)(2)(i) §60.4245(b)	[G]§60.4245(e) §60.4245(d)
	E-1	60JJJJ-2	CO	§60.4244(a), (b), (c), (e) §60.4243(b)(2)(i), (f) §60.4237(b)	§60.4245(a), (a)(1), (a)(2) §60.4245(a)(4) §60.4243(b)(2)(i) §60.4245(b)	[G]§60.4245(e) §60.4245(d)
	E-1	60JJJJ-2	VOC	§60.4244(a), (b), (c), (f), (g) §60.4243(b)(2)(i), (f) §60.4237(b)	§60.4245(a), (a)(1), (a)(2) §60.4245(a)(4) §60.4243(b)(2)(i) §60.4245(b)	[G]§60.4245(e) §60.4245(d)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	H-1	60Dc-1	SO ₂	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-1	60Dc-1	PM	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-1	60Dc-1	PM (OPACITY)	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-3	60Dc-2	SO ₂	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-3	60Dc-2	PM	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	H-3	60Dc-2	PM (OPACITY)	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-4	60Dc-1	SO ₂	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-4	60Dc-1	PM	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-4	60Dc-1	PM (OPACITY)	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-6	60Dc-3	SO ₂	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	H-6	60Dc-3	PM	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	H-6	60Dc-3	PM (OPACITY)	N/A	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	FL-PL	R1111-1	PM(OPACITY)	[T]§111.111(a)(4)(A)(i) §111.111(a)(4)(A)(ii)	§111.111(a)(4)(A)(ii)	N/A
	FL-PL2	R1111-1	PM(OPACITY)	[T]§111.111(a)(4)(A)(i) §111.111(a)(4)(A)(ii)	§111.111(a)(4)(A)(ii)	N/A
	AG-FL	R1111-2	PM(OPACITY)	[G]§111.111(a)(1)(F)	N/A	N/A



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Table 1b: Additions

Date: 03/31/2023	Regulated Entity No.: RN109124057	Permit No: TBA
Company Name: ETC Texas Pipeline, Ltd.	Area Name: Panther Gas Plant	

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	AG-FL2	R1111-2	PM(OPACITY)	[G]§111.111(a)(1)(F)	N/A	N/A
	PRO-AMINE	600000a-2	SO ₂	N/A	§60.5423a(c)	§60.5420a(a), (a)(1), (b) [G]§60.5420a(b)(1), (b)(11) [G]§60.5420a(b)(13)-(14)
	PRO-AMINE2	600000a-2	SO ₂	N/A	§60.5423a(c)	§60.5420a(a), (a)(1), (b) [G]§60.5420a(b)(1), (b)(11) [G]§60.5420a(b)(13)-(14)
	GRP-COMP	600000a-3	VOC	§60.5410a(c)(1) §60.5415a(c)(1)	§60.5410a(c)(4) §60.5420a(c), [G](c)(3)	§60.5410a(c)(3) §60.5420a(a), (a)(1), (b), [G](b)(1) [G]§60.5420a(b)(4), (b)(11) [G]§60.5420a(b)(13)-(14)
	FUG	600000a-4	VOC	[G]§60.5401a(f), (g) §60.482-1a(f)(1)-(2), [G](f)(3) §60.482-2a(b)(2)(i), [G](d)(4), [G](d)(5) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2)-(3), [G](e)	§60.485a(b)(2) §60.486a(a)(3), [G](b)-(c), (e) §60.486a(e)(1), [G](e)(2), [G](e)(4) §60.486a(e)(7), [G](e)(8), [G](h)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (b)(3), (c) §60.487a(c)(1), (c)(2), (c)(2)(i), (c)(2)(iii) §60.487a(c)(2)(iv), (c)(2)(xi), (c)(3)-(4) §60.487a(e)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No.:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	FUG2	600000a-4	VOC	[G]§60.5401a(f), (g) §60.482-1a(f)(1)-(2), [G](f)(3) §60.482-2a(b)(2)(i), [G](d)(4), [G](d)(5) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2)-(3), [G](e)	§60.485a(b)(2) §60.486a(a)(3), [G](b)-(c), (c) §60.486a(e)(1), [G](e)(2), [G](e)(4) §60.486a(e)(7), [G](e)(8), [G](h)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (b)(3), (c) §60.487a(c)(1), (c)(2), (c)(2)(i), (c)(2)(iii) §60.487a(c)(2)(iv), (c)(2)(xi), (c)(3)-(4) §60.487a(e)
	FUG	600000a-5	VOC	§60.5401a(b)(1), [G](f), (g) §60.482-4a(b)(2) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2), (d)(3)	[G]§60.5421a(b) §60.485a(b)(2) §60.486a(e), (e)(1), (e)(3), [G](e)(4) [G]§60.486a(e)(8), [G](e)(10), (f), (f)(1)	§60.5420a(a), (a)(1) §60.5422a(a), (b), [G](c) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi), (c)(3)-(4) §60.487a(e)
	FUG2	600000a-5	VOC	§60.5401a(b)(1), [G](f), (g) §60.482-4a(b)(2) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2), (d)(3)	[G]§60.5421a(b) §60.485a(b)(2) §60.486a(e), (e)(1), (e)(3), [G](e)(4) [G]§60.486a(e)(8), [G](e)(10), (f), (f)(1)	§60.5420a(a), (a)(1) §60.5422a(a), (b), [G](c) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi), (c)(3)-(4) §60.487a(e)
	CAT 3606 FUG	600000a-5	VOC	§60.5401a(b)(1), [G](f), (g) §60.482-4a(b)(2) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2), (d)(3)	[G]§60.5421a(b) §60.485a(b)(2) §60.486a(e), (e)(1), (e)(3), [G](e)(4) [G]§60.486a(e)(8), [G](e)(10), (f), (f)(1)	§60.5420a(a), (a)(1) §60.5422a(a), (b), [G](c) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi), (c)(3)-(4) §60.487a(e)
	FUG	600000a-6	VOC	[G]§60.5401a(f), (g) §60.485a(a), [G](b)(1), (b)(2), (d) §60.485a(d)(2), (d)(3)	§60.485a(b)(2) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi), (c)(3)-(4) §60.487a(e)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No.:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	FUG2	600000a-6	VOC	[G]§60.5401a(f), (g) §60.485a(a), [G](b)(1), (b)(2), (d) §60.485a(d)(2), (d)(3)	§60.485a(b)(2) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi), (c)(3)-(4) §60.487a(e)
	FUG	600000a-7	VOC	[G]§60.5401a(f), (g) §60.482-1a(f)(1)-(2), [G](f)(3) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2), (d)(3), [G](e) §60.483-1a(b)(2), (c)(1) §60.483-2a(b)(7)	§60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(2), [G](e)(4) [G]§60.486a(e)(8), (f), (f)(1)-(2) §60.483-2a(b)(6) §60.486a(e), (e)(1), [G](e)(8), [G](g)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1)-(2), (c), (c)(1) §60.487a(c)(2), (c)(2)(ii), (c)(2)(xi) §60.487a(c)(3)-(4), (e) §60.483-1a(b)(1)-(2) §60.487a(c)(1)-(2), (c)(2)(i) §60.487a(c)(2)(ix), (c)(3)-(4), (d), (e)
	FUG2	600000a-7	VOC	[G]§60.5401a(f), (g) §60.482-1a(f)(1)-(2), [G](f)(3) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2), (d)(3), [G](e) §60.483-1a(b)(2), (c)(1) §60.483-2a(b)(7)	§60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(2), [G](e)(4) [G]§60.486a(e)(8), (f), (f)(1)-(2) §60.483-2a(b)(6) §60.486a(e), (e)(1), [G](e)(8), [G](g)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1)-(2), (c), (c)(1) §60.487a(c)(2), (c)(2)(ii), (c)(2)(xi) §60.487a(c)(3)-(4), (e) §60.483-1a(b)(1)-(2) §60.487a(c)(1)-(2), (c)(2)(i) §60.487a(c)(2)(ix), (c)(3)-(4), (d), (e)
	CAT 3606 FUG	600000a-7	VOC	[G]§60.5401a(f), (g) §60.482-1a(f)(1)-(2), [G](f)(3) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2), (d)(3), [G](e) §60.483-1a(b)(2), (c)(1) §60.483-2a(b)(7)	§60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(2), [G](e)(4) [G]§60.486a(e)(8), (f), (f)(1)-(2) §60.483-2a(b)(6) §60.486a(e), (e)(1), [G](e)(8), [G](g)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1)-(2), (c), (c)(1) §60.487a(c)(2), (c)(2)(ii), (c)(2)(xi) §60.487a(c)(3)-(4), (e) §60.483-1a(b)(1)-(2) §60.487a(c)(1)-(2), (c)(2)(i) §60.487a(c)(2)(ix), (c)(3)-(4), (d), (e)
	FUG	600000a-8	VOC	[G]§60.5401a(f), (g) §60.482-8a(a)(1) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (d) §60.485a(d)(2)-(3)	§60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi) §60.487a(c)(3)-(4), (e)



**Applicable Requirements Summary
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Table 1b: Additions

Date: 03/31/2023	Regulated Entity No.: RN109124057	Permit No: TBA
Company Name: ETC Texas Pipeline, Ltd.	Area Name: Panther Gas Plant	

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	FUG2	600000a-8	VOC	[G]§60.5401a(f), (g) §60.482-8a(a)(1) §60.482-9a(a) §60.485a(a), [G](b)(1), (b)(2), (d) §60.485a(d)(2)-(3)	§60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1) §60.487a(c)(2), (c)(2)(xi) §60.487a(c)(3)-(4), (e)
	FUG	600000a-9	VOC	[G]§60.5401a(f), (g) §60.482-10a(e) §60.485a(a), [G](b)(1), (b)(2), (d) §60.485a(d)(2)-(3)	§60.485a(b)(2) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1)-(2) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	FUG2	600000a-9	VOC	[G]§60.5401a(f), (g) §60.482-10a(e) §60.485a(a), [G](b)(1), (b)(2), (d) §60.485a(d)(2)-(3)	§60.485a(b)(2) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1)-(2) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	FUG	600000a-10	VOC	[G]§60.5401a(f), (g) §60.482-10a(e) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2)-(3), [G](g)	§60.485a(b)(2)[G] §60.486a(b)-(c) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1)-(2) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	FUG2	600000a-10	VOC	[G]§60.5401a(f), (g) §60.482-10a(e) §60.485a(a), [G](b)(1), (b)(2), (c)(2) §60.485a(d), (d)(2)-(3), [G](g)	§60.485a(b)(2)[G] §60.486a(b)-(c) §60.486a(e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1)-(2) §60.487a(c)(2)(xi), (c)(3)-(4), (e)



**Applicable Requirements Summary
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Table 1b: Additions

Date: 03/31/2023	Regulated Entity No.: RN109124057	Permit No: TBA
Company Name: ETC Texas Pipeline, Ltd.	Area Name: Panther Gas Plant	

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	FUG	600000a-11	VOC	[G]§60.5401a(f), (g) §60.485a(a), [G](b)(1), (b)(2) §60.485a(d), (d)(2)-(3)	[G]§60.482-10a(l) §60.485a(b)(2) [G]§60.486a(d), (e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1)-(2) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	FUG2	600000a-11	VOC	[G]§60.5401a(f), (g) §60.485a(a), [G](b)(1), (b)(2) §60.485a(d), (d)(2)-(3)	[G]§60.482-10a(l) §60.485a(b)(2) [G]§60.486a(d), (e), (e)(1), [G](e)(8)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (c), (c)(1)-(2) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	FUG	600000a-12	VOC	[G]§60.5401a(f), (g) §60.482-9a(a) §60.482-11a(a)-(b), (b)(1), (b)(3) §60.482-11a(b)(3)(ii), [G](b)(3)(iii) §60.482-11a(b)(3)(iv), (c) §60.485a(a), [G](b)(1), (b)(2) §60.485a(d), (d)(2)-(3), [G](e)	§60.482-11a(b)(3)(v) §60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(8), (e)(9) §60.486a(f), (f)(1)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (b)(5), (c) §60.487a(c)(1)-(2), (c)(2)(vii)-(viii) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	FUG2	600000a-12	VOC	[G]§60.5401a(f), (g) §60.482-9a(a) §60.482-11a(a)-(b), (b)(1), (b)(3) §60.482-11a(b)(3)(ii), [G](b)(3)(iii) §60.482-11a(b)(3)(iv), (c) §60.485a(a), [G](b)(1), (b)(2) §60.485a(d), (d)(2)-(3), [G](e)	§60.482-11a(b)(3)(v) §60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(8), (e)(9) §60.486a(f), (f)(1)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (b)(5), (c) §60.487a(c)(1)-(2), (c)(2)(vii)-(viii) §60.487a(c)(2)(xi), (c)(3)-(4), (e)
	CAT 3606 FUG	600000a-12	VOC	[G]§60.5401a(f), (g) §60.482-9a(a) §60.482-11a(a)-(b), (b)(1), (b)(3) §60.482-11a(b)(3)(ii), [G](b)(3)(iii) §60.482-11a(b)(3)(iv), (c) §60.485a(a), [G](b)(1), (b)(2) §60.485a(d), (d)(2)-(3), [G](e)	§60.482-11a(b)(3)(v) §60.485a(b)(2) [G]§60.486a(a)(3), [G](b)-(c) §60.486a(e), (e)(1), [G](e)(8), (e)(9) §60.486a(f), (f)(1)	§60.5420a(a), (a)(1) §60.5422a(a) §60.487a(a), (b), (b)(1), (b)(5), (c) §60.487a(c)(1)-(2), (c)(2)(vii)-(viii) §60.487a(c)(2)(xi), (c)(3)-(4), (e)



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Table 1b: Additions

Date:	03/31/2023	Regulated Entity No.:	RN109124057	Permit No:	TBA
Company Name:	ETC Texas Pipeline, Ltd.	Area Name:	Panther Gas Plant		

Revision No.	Unit/Group/Process	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ID No.					
	DEHY	63HH-1	HAP	[G]§63.772(b)(2)	§63.774(d)(1) §63.774(d)(1)(ii)	N/A
	DEHY2	63HH-1	HAP	[G]§63.772(b)(2)	§63.774(d)(1) §63.774(d)(1)(ii)	N/A

19. TCEQ FORM OP-PBRSUP

Permits By Rule Supplemental Table

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

Date	Permit Number	Regulated Entity Number
03/31/2023	TBA	RN109124057

Unit ID	Registration Number	PBR No.	Registration Date
MAIN-ACT	156547	106.359	10/24/2022
COMP-BD	156547	106.359	10/24/2022
COMP-SS	156547	106.359	10/24/2022
MSS	156547	106.359	10/24/2022
FL-PL	156547	106.359	10/24/2022
FL-PL2	156547	106.359	10/24/2022
MAIN-ACT2	156547	106.359	10/24/2022

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
03/31/2023	TBA	RN109124057

Unit ID	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
MAIN-ACT	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
COMP-BD	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
COMP-SS	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
MSS	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
FL-PL	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
FL-PL2	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.
MAIN-ACT2	106.359	09/10/2013 (156547)	Maintain records of all maintenance activities conducted under 30 TAC 106.359, including volumes of any blowdowns and duration and date of each event.

20. TCEQ FORM OP-MON

Monitoring Requirements

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

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRP-ENG		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: OTH		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-CC-029		
Deviation Limit: Pre-catalyst temperature > 550 deg F and < 1250 deg F		
CAM/PM Option No.: CAM-CC-030		
Deviation Limit: Maximum CO emission rate of 4.31 lb/hr		
V. Control Device Information		
Control Device ID No.: OXCATS		
Control Device Type: CATCNV		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRP-ENG		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: CO		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-CC-029		
Deviation Limit: Pre-catalyst temperature > 550 deg F and < 1250 deg F		
CAM/PM Option No.: CAM-CC-030		
Deviation Limit: Maximum CO emission rate of 4.31 lb/hr		
V. Control Device Information		
Control Device ID No.: OXCATS		
Control Device Type: CATCNV		

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Table 1b: CAM/PM Control Device Additions

Emission Unit ID No.	Control Device ID No.	Control Device Type
C-1	OXCAT-1	CATCNV
C-2	OXCAT-2	CATCNV
C-3	OXCAT-3	CATCNV
C-4	OXCAT-4	CATCNV

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: GRP-ENG2		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: CO		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-CC-029		
Deviation Limit: Pre-catalyst temperature > 550 deg F and < 1250 deg F		
CAM/PM Option No.: CAM-CC-030		
Deviation Limit: Maximum CO emission rate of 3.64 lb/hr		
V. Control Device Information		
Control Device ID No.: OXCATS		
Control Device Type: CATCNV		

**Texas Commission on Environmental Quality
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Table 1b: CAM/PM Control Device Additions

Emission Unit ID No.	Control Device ID No.	Control Device Type
C-5	OXCAT-5	CATCNV
C-6	OXCAT-6	CATCNV
C-7	OXCAT-7	CATCNV

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I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: PRO-AMINE		
Applicable Form: OP-UA10		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: VOC		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: PRO-AMINE		
Applicable Form: OP-UA10		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: HAP		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: PRO-AMINE2		
Applicable Form: OP-UA10		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: VOC		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO2		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: PRO-AMINE2		
Applicable Form: OP-UA10		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: HAP		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO2		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: DEHY		
Applicable Form: OP-UA62		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: VOC		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO		
Control Device Type: DIRFLM		

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I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA		Project No.: TBA
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: DEHY		
Applicable Form: OP-UA62		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: HAP		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO		
Control Device Type: DIRFLM		

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I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: DEHY2		
Applicable Form: OP-UA62		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: VOC		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO2		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: DEHY2		
Applicable Form: OP-UA62		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: HAP		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum combustion temperature of 1550 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: TO2		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: LOAD1A		
Applicable Form: OP-MON		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: VOC		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM -VC-001		
Deviation Limit: Minimum combustion temperature of 1400 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: VCU		
Control Device Type: COMB		

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Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: UBA007G	RN No.: 109124057	CN: 601587652
Permit No.: TBA	Project No.: TBA	
Area Name: Panther Gas Plant		
Company Name: ETC Texas Pipeline, Ltd.		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: LOAD1B		
Applicable Form: OP-MON		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 116		
SOP/GOP Index No.:		
Pollutant: VOC		
Main Standard: NSR-139259		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM -VC-001		
Deviation Limit: Minimum combustion temperature of 1400 deg F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: VCU		
Control Device Type: COMB		