

## Texas Commission on Environmental Quality

### Title V New

#### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CORPUS CHRISTI LIQUEFACTION
Does the site have a physical address?	Yes
Physical Address	
Number and Street	622 HWY 35
City	GREGORY
State	TX
ZIP	78359
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	-97.269166
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN104104716
What is the name of the Regulated Entity (RE)?	CORPUS CHRISTI LIQUEFACTION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	622 HWY 35
City	GREGORY
State	TX
ZIP	78359
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	-97.269166
Facility NAICS Code	221210
What is the primary business of this entity?	LIQUIFIED NATURAL GAS

#### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604136374
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Corpus Christi Liquefaction, LLC
Texas SOS Filing Number	801612887
Federal Tax ID	
State Franchise Tax ID	32048261799
State Sales Tax ID	
Local Tax ID	

DUNS Number	79435874
Number of Employees	
Independently Owned and Operated?	No

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Cheniere Energy Inc
Prefix	MR
First	Brett
Middle	
Last	Woltjen
Suffix	
Credentials	
Title	Senior Vice President and General Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY
State	TX
ZIP	78359
Phone (###-###-####)	3619771212
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	brett.woltjen@cheniere.com

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	Cheniere Energy Inc
Prefix	MS
First	Jessica
Middle	
Last	Muennink
Suffix	
Credentials	
Title	Health, Safety, and Environmental Manager
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY

State	TX
Zip	78359
Phone (###-###-####)	3619771342
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	jessica.muennink@cheniere.com

## Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Cheniere Energy Inc
Prefix	MR
First	Daniel
Middle	
Last	Goodman
Suffix	
Credentials	
Title	Senior Environmental Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	845 TEXAS ST STE 1250
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77002
Phone (###-###-####)	7133755512
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	daniel.goodman@cheniere.com

## Title V General Information - New

1) Permit Latitude Coordinate:	27 Deg 52 Min 59 Sec
2) Permit Longitude Coordinate:	97 Deg 16 Min 9 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4592-36018
4) Who will electronically sign this Title V application?	Duly Authorized Representative
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

## Title V Attachments New

Attach OP-1 (Site Information Summary)

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=204737>RE_ Working Draft Permit -- FOP O4592_Project 36018 Corp.pdf</a>
Hash	10ABB1AB42FC830C8C1958905FBE7C6C7ADACE77CCF9B419F86933C30DDA01DE
MIME-Type	application/pdf

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

## Certification

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

1. I am Jessica R Muennink, the owner of the STEERS account ER021841.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.

8. I am knowingly and intentionally signing Title V New.

9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Jessica R Muennink OWNER OPERATOR

Account Number:	ER021841
Signature IP Address:	8.29.230.52
Signature Date:	2024-07-11
Signature Hash:	4438CA9ABED909566F78D739F7960766F1F61578C59DBAA564540FDC174C002B
Form Hash Code at time of Signature:	E6B2881AF418FE6F2C5361395C9544C23BD58D95EED45EE626FDDAB4C8CAD852

### Submission

Reference Number:	The application reference number is 665112
Submitted by:	The application was submitted by ER021841/Jessica R Muennink
Submitted Timestamp:	The application was submitted on 2024-07-11 at 09:05:36 CDT
Submitted From:	The application was submitted from IP address 8.29.230.52
Confirmation Number:	The confirmation number is 550357
Steers Version:	The STEERS version is 6.79

### Additional Information

Application Creator: This account was created by Kelley Oswald

**From:** [Daniel Goodman](#)  
**To:** [Carolyn Maus](#)  
**Cc:** [Kelley Oswalt](#)  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3  
**Date:** Monday, May 13, 2024 3:31:16 PM

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Carolyn,

We have only minor comments on the WDP:

1. Per original submitted OP-1, the facility latitude would be more accurately listed at 27° 54' 0" vs. 27° 52' 0"
2. There is a typo for a couple tanks:
  - a. MSAMTANK5 should be MSAMTNK5; and
  - b. MSAMTANK7 should be MSAMTNK7
3. Per your Question #3 below, we suggest the following updates:
  - a. Remove GHGPSDTX157 references from GRPMSFWPTK, GRPMSGENTK, GRPMSAMTNK, and GRPMSCONCOL in the NSR References table. None of these units are associated with authorized GHG emissions represented in the referenced permit.
  - b. Maintain GHGPSDTX157 reference for GRPMSAGRU as these process units are routed through the thermal oxidizers, which are present in the GHG MAERT.

If there is anything else we can do to support this permit action, please let us know.

Thank you,

**Daniel Goodman**

Staff Engineer, Environmental

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Cheniere  
845 Texas Avenue, Ste. 1250  
Houston, Texas 77002  
Main: +1-713-375-5000  
Direct: +1-713-375-5512  
Mobile: +1-832-206-7443  
[cheniere.com](http://cheniere.com)

---

**From:** Carolyn Maus <carolyn.maus@tceq.texas.gov>  
**Sent:** Friday, April 26, 2024 7:55 PM  
**To:** Daniel Goodman <Daniel.Goodman@cheniere.com>  
**Cc:** Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>  
**Subject:** Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Good afternoon,

I have conducted a technical review of the initial issuance application for Corpus Christi Liquefaction, LLC, Corpus Christi Liquefaction Stage 3 permit area. 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 **Friday, May 17, 2024**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

Also, note the following items as you review the WDP. Items #1-2 are just for your information, while Item #3 is a question. **Please respond to this when you submit your WDP comments.**

1. All permit shield requests in the application were granted. I slightly modified the wording in the reason for GRPMSFUG to match rule text and remove unnecessary language.
2. For now, you will see that I did not group the flares in GRPMSGFLR. We have a long-standing provision in our OP-SUM instructions and our external guidance (Completing FOP Applications – Additional Guidance) that flares cannot be grouped. I am currently checking with colleagues/management to see if this is an outdated provision or if there is still a technical reason for this instruction (I know some permits have been issued with grouped flares already). If I confirm that flares can be grouped, I will replace the individual units with the requested group in a revised working draft permit.
3. The application included GHGPSDTX157 in the preconstruction authorizations for all units. Normally, we *do* have to list the PSD or nonattainment permit number along with the associated minor NSR permit number for all units because they are part of the same permit document which does not distinguish the PSD/NA units. However, in the case of GHGPSDTX157, it has a separate MAERT table identifying which units are “GHG PSD” units. Therefore, we only have to include the GHG PSD number for those particular units. I did not see the units IDs that make up GRPMSAGRU, GRPMSCONCOL, GRPMSFWPTK, GRPMSGENTK, or GRPMSAMTNK listed in the MAERT for GHGPSDTX157. Since I know sometimes the EPNs listed in the MAERT will be different from the Title V unit IDs, please confirm whether these units are authorized by the GHG PSD permit or if I should remove that permit number from their authorizations.

Please review the second portion of the “SOP Technical Review Fact Sheet” located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf). This guidance contains important information regarding WDP review and comment procedures.

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

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

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



How are we doing? Fill out our online customer satisfaction survey at [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

**From:** Carolyn Maus  
**Sent:** Tuesday, July 2, 2024 4:23 PM  
**To:** Kelley Oswalt; Daniel Goodman  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Great! Yes, when I read through the [guidance](#) we created (on the website this appears on the “Where to Submit FOP Applications and Permit-Related Documents” page) , I also felt the process for an application update could be more streamlined. Perhaps there were some limitations with what features we could add to STEERS when we added the Title V application process. I am definitely making notes of problems that applicants identify in case we have an opportunity to make improvements later.

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



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**From:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Sent:** Tuesday, July 2, 2024 4:13 PM  
**To:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>; Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

This worked. Thanks. I had wondered if this was the route to take, but it felt strange to have to re-fill out all the administrative information again and then have it find a pending project. But it worked.

We will work on getting the application signed and submitted in STEERS next week and let you know once it's done.

Kelley Oswalt  
Senior Consultant  
Trinity Consultants  
512-693-4191 (office)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Sent:** Tuesday, July 2, 2024 1:55 PM  
**To:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>; Daniel Goodman

<[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>

**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Hi Kelley,

I'm still getting familiar with STEERS myself, but I think you may have selected the wrong option at a previous step. At the beginning, when you select your application type, you will still choose "Title V Application for a New Permit" since the whole project is still an initial issuance project. That way it will not bring up this search window (since the permit doesn't technically exist yet prior to the first issuance). Later on in the process, you will come to a question that asks "Is this submittal a new application or an update to an existing application?". You will select "Update". Then there will be another question which has a dropdown menu to select the open project number.

Let me know if you are still encountering a problem after trying that.

Sincerely,

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



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**From:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>

**Sent:** Tuesday, July 2, 2024 10:19 AM

**To:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>; Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>

**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Hi Carolyn,

I tried to go into STEERS to upload the 5/13/24 email to certify it as an update to this project. However, when I tried to search for this permit 4592, I get an error. I think it's because this is an initial permit application. See below:

... Please contact the program area for assistance.



**Title V Existing**

**The renewal date of the permit has the default date. Please contact the program area for assistance.** ✕

**Authorization Validation**

\* What is the Permit Number?

Or

\* Search by RN to find the Permit Number:  [Forgot or don't know the RN?](#)

Is there something on your end that can be done to get this to work?

Kelley Oswalt  
Senior Consultant  
Trinity Consultants  
512-693-4191 (office)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Sent:** Friday, June 28, 2024 10:26 AM  
**To:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Hi Daniel,

Thanks for your patience for me to get this back to you all. Please see the attached revised WDP. Here are the changes I have made to the WDP:

- 1) Corrected the latitude on the permit face to 27° 54' 0".
- 2) Corrected the unit IDs for the specified tanks to MSAMTNK5 and MSAMTNK7 in all locations.
- 3) Removed GHGPSDTX157 references from units in GRPMSFWPTK, GRPMSGENTK, GRPMSAMTNK, and GRPMSCONCOL.

**From:** Kelley Oswalt <Kelley.Oswalt@trinityconsultants.com>  
**Sent:** Thursday, July 11, 2024 10:20 AM  
**To:** Carolyn Maus; Daniel Goodman  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Hi Carolyn,

The draft looks good.  
The 5/13/2024 email was submitted/certified through STEERS today.

Thanks!

Kelley Oswalt  
Senior Consultant  
Trinity Consultants  
512-693-4191 (office)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Sent:** Friday, June 28, 2024 10:26 AM  
**To:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
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- 3) Removed GHGPSDTX157 references from units in GRPMSFWPTK, GRPMSGENTK, GRPMSAMTNK, and GRPMSCONCOL.

I will begin preparing the file for public notice. The only remaining item I need is certification for the WDP comments. Please do one of the following options by **Tuesday, July 9, 2024**:

- 1) Send me an OP-CRO1. You can use the Time Period or Specific Date option on the form as long as the date of 05/13/2024 is covered. You may email me a scan, but please follow up with the wet ink original in the mail afterwards.
- 2) Submit the WDP comments in STEERS (you can upload the 05/13/2024 email as an attachment). It will be certified via the submittal process by having the RO or DAR sign and submit.

If you have any questions, feel free to contact me.

Sincerely,

**From:** Carolyn Maus  
**Sent:** Friday, June 28, 2024 10:26 AM  
**To:** Daniel Goodman  
**Cc:** Kelley Oswalt  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3  
**Attachments:** Revised WDP O4592.docx

Hi Daniel,

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- 1) Corrected the latitude on the permit face to 27° 54' 0".
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I will begin preparing the file for public notice. The only remaining item I need is certification for the WDP comments. Please do one of the following options by **Tuesday, July 9, 2024**:

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If you have any questions, feel free to contact me.

Sincerely,

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



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---

**From:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Sent:** Monday, May 13, 2024 3:31 PM  
**To:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>

**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Carolyn,

We have only minor comments on the WDP:

1. Per original submitted OP-1, the facility latitude would be more accurately listed at 27° 54' 0" vs. 27° 52' 0"
2. There is a typo for a couple tanks:
  - a. MSAMTANK5 should be MSAMTNK5; and
  - b. MSAMTANK7 should be MSAMTNK7
3. Per your Question #3 below, we suggest the following updates:
  - a. Remove GHGPSDTX157 references from GRPMSFWPTK, GRPMSGENTK, GRPMSAMTNK, and GRPMSCONCOL in the NSR References table. None of these units are associated with authorized GHG emissions represented in the referenced permit.
  - b. Maintain GHGPSDTX157 reference for GRPMSAGRU as these process units are routed through the thermal oxidizers, which are present in the GHG MAERT.

If there is anything else we can do to support this permit action, please let us know.

Thank you,

**Daniel Goodman**

Staff Engineer, Environmental

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Cheniere  
845 Texas Avenue, Ste. 1250  
Houston, Texas 77002  
Main: +1-713-375-5000  
Direct: +1-713-375-5512  
Mobile: +1-832-206-7443  
[cheniere.com](http://cheniere.com)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>

**Sent:** Friday, April 26, 2024 7:55 PM

**To:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>

**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>

**Subject:** Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Good afternoon,

**From:** Daniel Goodman <Daniel.Goodman@cheniere.com>  
**Sent:** Monday, April 29, 2024 9:37 AM  
**To:** Carolyn Maus  
**Cc:** Kelley Oswalt  
**Subject:** RE: Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Carolyn,  
Thank you for your review and providing this draft. We will begin our review and reach out if we have any questions.

Thank you,

**Daniel Goodman**

Staff Engineer, Environmental

---

Cheniere  
845 Texas Avenue, Ste. 1250  
Houston, Texas 77002  
Main: +1-713-375-5000  
Direct: +1-713-375-5512  
Mobile: +1-832-206-7443  
[cheniere.com](http://cheniere.com)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Sent:** Friday, April 26, 2024 7:55 PM  
**To:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** Working Draft Permit -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Good afternoon,

I have conducted a technical review of the initial issuance application for Corpus Christi Liquefaction, LLC, Corpus Christi Liquefaction Stage 3 permit area. 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 **Friday, May 17, 2024**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

Also, note the following items as you review the WDP. Items #1-2 are just for your information, while Item #3 is a question. **Please respond to this when you submit your WDP comments.**

- 1) All permit shield requests in the application were granted. I slightly modified the wording in the reason for GRPMSFUG to match rule text and remove unnecessary language.
- 2) For now, you will see that I did not group the flares in GRPMSGFLR. We have a long-standing provision in our OP-SUM instructions and our external guidance (Completing FOP Applications – Additional Guidance) that flares cannot be grouped. I am currently checking with colleagues/management to see if this is an outdated provision or if there is still a technical reason for this instruction (I know some permits have been issued with grouped flares already). If I confirm that flares can be grouped, I will replace the individual units with the requested group in a revised working draft permit.
- 3) The application included GHGPSDTX157 in the preconstruction authorizations for all units. Normally, we *do* have to list the PSD or nonattainment permit number along with the associated minor NSR permit number for all units because they are part of the same permit document which does not distinguish the PSD/NA units. However, in the case of GHGPSDTX157, it has a separate MAERT table identifying which units are “GHG PSD” units. Therefore, we only have to include the GHG PSD number for those particular units. I did not see the units IDs that make up GRPMSAGRU, GRPMSCONCOL, GRPMSFWPTK, GRPMSGENTK, or GRPMSAMTNK listed in the MAERT for GHGPSDTX157. Since I know sometimes the EPNs listed in the MAERT will be different from the Title V unit IDs, please confirm whether these units are authorized by the GHG PSD permit or if I should remove that permit number from their authorizations.

Please review the second portion of the “SOP Technical Review Fact Sheet” located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf). This guidance contains important information regarding WDP review and comment procedures.

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

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the

submission 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](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

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

Thank you for your cooperation.

Sincerely,

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



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**From:** Daniel Goodman <Daniel.Goodman@cheniere.com>  
**Sent:** Tuesday, April 2, 2024 9:44 AM  
**To:** Carolyn Maus  
**Cc:** Kelley Oswalt  
**Subject:** RE: Technical Review -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Thank you Carolyn. We greatly appreciate the update!

**Daniel Goodman**

Staff Engineer, Environmental

---

Cheniere  
845 Texas Avenue, Ste. 1250  
Houston, Texas 77002  
Main: +1-713-375-5000  
Direct: +1-713-375-5512  
Mobile: +1-832-206-7443  
[cheniere.com](http://cheniere.com)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Sent:** Monday, April 1, 2024 2:30 PM  
**To:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Technical Review -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Hi Daniel,

So far I have gone through the application materials and am now preparing the draft permit. I may have a few questions that I will include when I send you the working draft permit for review, but I have not identified any major issues with the application. I expect to send you the WDP with the next two weeks.

Sincerely,

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

Fax: (512) 239-1400



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---

**From:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Sent:** Friday, March 22, 2024 8:50 AM  
**To:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Technical Review -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Carolyn,  
Good morning! Would you be able to provide a general status update of this project? As before, if there is anything we can assist with or clarify, please let us know.

Thank you,  
Daniel Goodman

---

**From:** Daniel Goodman  
**Sent:** Wednesday, March 6, 2024 4:08 PM  
**To:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Cc:** Kelley Oswalt <[Kelley.Oswalt@trinityconsultants.com](mailto:Kelley.Oswalt@trinityconsultants.com)>  
**Subject:** RE: Technical Review -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

Carolyn,  
I wanted to check-in to see if you had any questions or concerns we could help address at this point in your review. We would also appreciate if you could provide a general status update if possible.

Thank you,

**Daniel Goodman**

Staff Engineer, Environmental

---

Cheniere  
845 Texas Avenue, Ste. 1250  
Houston, Texas 77002  
Main: +1-713-375-5000  
Direct: +1-713-375-5512

Mobile: +1-832-206-7443  
[cheniere.com](http://cheniere.com)

---

**From:** Carolyn Maus <[carolyn.maus@tceq.texas.gov](mailto:carolyn.maus@tceq.texas.gov)>  
**Sent:** Thursday, December 21, 2023 8:47 PM  
**To:** Daniel Goodman <[Daniel.Goodman@cheniere.com](mailto:Daniel.Goodman@cheniere.com)>  
**Cc:** Kelley Oswald <[Kelley.Oswald@trinityconsultants.com](mailto:Kelley.Oswald@trinityconsultants.com)>  
**Subject:** Technical Review -- FOP O4592/Project 36018, Corpus Christi Liquefaction, LLC/Corpus Christi Liquefaction Stage 3

**EXTERNAL EMAIL: Do not click on any links or open any attachments unless you trust the sender and know the content is safe.**

Good evening,

I have been assigned to the Federal Operating Permit (FOP) initial issuance application of Permit No. O4592 for Corpus Christi Liquefaction, LLC, Corpus Christi Liquefaction Stage 3. This application has been assigned Project No. 36018. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the Permit and Project reference numbers above to facilitate tracking. I will be conducting a technical review of the application and will request any updates or corrections as needed.

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

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

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

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

email or physical mail require certification using an original signature OP-CRO1. This form will be requested at a later date.

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

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

Thank you for your cooperation.

Sincerely,

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



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**From:** [eNotice TCEQ](#)  
**To:** [morgan.lamantia@senate.texas.gov](mailto:morgan.lamantia@senate.texas.gov); [JM.lozano@house.texas.gov](mailto:JM.lozano@house.texas.gov)  
**Subject:** TCEQ Notice - Permit Number O4592  
**Date:** Tuesday, November 21, 2023 1:49:12 PM  
**Attachments:** [TCEQ Notice - O4592\\_36018.pdf](#)

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

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

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

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

Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Kelly Keel, *Interim Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 21, 2023

THE HONORABLE MORGAN LAMANTIA  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Initial Issuance Application  
Project Number: 36018  
Permit Number: O4592  
Corpus Christi Liquefaction, LLC  
Corpus Christi Liquefaction Stage 3  
Gregory, San Patricio County  
Regulated Entity Number: RN104104716  
Customer Reference Number: CN604136374

Dear Senator Lamantia:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.270555,27.9&level=13>.

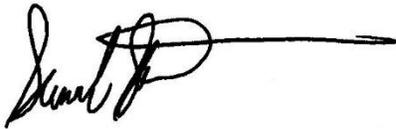
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment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

The Honorable Morgan Lamantia  
Page 2  
November 21, 2023

Re: Accepted Federal Operating Permit Initial Issuance Application

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

Sincerely,

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

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

Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Kelly Keel, *Interim Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 21, 2023

THE HONORABLE JOSE M LOZANO  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application  
Project Number: 36018  
Permit Number: O4592  
Corpus Christi Liquefaction, LLC  
Corpus Christi Liquefaction Stage 3  
Gregory, San Patricio County  
Regulated Entity Number: RN104104716  
Customer Reference Number: CN604136374

Dear Representative Lozano:

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

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.270555,27.9&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

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

Sincerely,

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

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

## Texas Commission on Environmental Quality

### Title V New

#### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CORPUS CHRISTI LIQUEFACTION
Does the site have a physical address?	Yes
Physical Address	
Number and Street	622 HWY 35
City	GREGORY
State	TX
ZIP	78359
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	-97.269166
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN104104716
What is the name of the Regulated Entity (RE)?	CORPUS CHRISTI LIQUEFACTION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	622 HWY 35
City	GREGORY
State	TX
ZIP	78359
County	SAN PATRICIO
Latitude (N) (##.#####)	27.883055
Longitude (W) (-###.#####)	-97.269166
Facility NAICS Code	221210
What is the primary business of this entity?	LIQUIFIED NATURAL GAS

#### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604136374
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Corpus Christi Liquefaction, LLC
Texas SOS Filing Number	801612887
Federal Tax ID	
State Franchise Tax ID	32048261799
State Sales Tax ID	
Local Tax ID	

DUNS Number	79435874
Number of Employees	
Independently Owned and Operated?	No

## Responsible Official Contact

---

Person TCEQ should contact for questions about this application:

Organization Name	Cheniere Energy Inc
Prefix	MR
First	Brett
Middle	
Last	Woltjen
Suffix	
Credentials	
Title	Senior Vice President and General Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY
State	TX
ZIP	78359
Phone (###-###-####)	3619771212
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Brett.Woltjen@cheniere.com

## Duly Authorized Representative Contact

---

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	Cheniere Energy Inc
Prefix	MRS
First	Jessica
Middle	
Last	Muennink
Suffix	
Credentials	
Title	Health, Safety, and Environmental Manager
Enter new address or copy one from list	Responsible Official Contact Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 162
Routing (such as Mail Code, Dept., or Attn:)	
City	GREGORY

State	TX
Zip	78359
Phone (###-###-####)	3619771342
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Jessica.Muennink@cheniere.com

## Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Cheniere Energy Inc
Prefix	MR
First	Daniel
Middle	
Last	Goodman
Suffix	
Credentials	
Title	Senior Environmental Engineer

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	845 TEXAS ST STE 1250
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77002
Phone (###-###-####)	7133755512
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Daniel.Goodman@cheniere.com

## Title V General Information - New

1) Permit Latitude Coordinate:	27 Deg 52 Min 59 Sec
2) Permit Longitude Coordinate:	97 Deg 16 Min 9 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Full
3.3. Is this application for a portable facility?	No
3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No

- |   |                      |
|---|----------------------|
| 3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No                   |
| 4) Who will electronically sign this Title V application?   | Responsible Official |
| 5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?                      | No                   |

## Title V Attachments New

---

- Attach OP-1 (Site Information Summary)
- Attach OP-ACPS (Application Compliance Plan and Schedule)
- Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)
- Attach OP-REQ2 (Negative Applicable Requirement Determinations)
- Attach OP-REQ3 (Applicable Requirements Summary)
- Attach OP-PBRSUP (Permits by Rule Supplemental Table)
- Attach OP-SUM (Individual Unit Summary)
- Attach OP-MON (Monitoring Requirements)
- Attach OP-UA (Unit Attribute) Forms
- Attach OP-CRO2 (Change of Responsible Official Information)
- Attach OP-DEL (Delegation of Responsible Official)
- Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=172500>CCL Stage 3 SOP Initial Application FINAL 2023_1116.pdf</a>
Hash	7118653F11064E51B7E3BD1F26408F0AC2B808D5CF5EC7D23141AFC9388BD3A3
MIME-Type	application/pdf

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

## Expedite Title V

---

- |   |    |
|---|----|
| 1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application? | No |
|---|----|

## Certification

---

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

1. I am Brett Woltjen, the owner of the STEERS account ER100920.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V New.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Brett Woltjen OWNER OPERATOR

Account Number:	ER100920
Signature IP Address:	8.29.109.51
Signature Date:	2023-11-16
Signature Hash:	5EEB0BD53C9653657BE7EB4CDC32700E8441A18BF57382A520EED07A34C7D589
Form Hash Code at time of Signature:	36B054CEC1338884691F9A2927A897F0B05936919614DF62573255DB2C010C75

## Submission

Reference Number:	The application reference number is 604816
Submitted by:	The application was submitted by ER100920/Brett Woltjen
Submitted Timestamp:	The application was submitted on 2023-11-16 at 16:27:23 CST
Submitted From:	The application was submitted from IP address 8.29.109.51
Confirmation Number:	The confirmation number is 500553
Steers Version:	The STEERS version is 6.70

## Submission

Reference Number:	The application reference number is 604816
Submitted by:	The application was submitted by ER100920/Brett Woltjen
Submitted Timestamp:	The application was submitted on 2023-11-20 at 14:15:50 CST
Submitted From:	The application was submitted from IP address 8.29.231.20
Confirmation Number:	The confirmation number is 500840
Steers Version:	The STEERS version is 6.70

## Additional Information

Application Creator: This account was created by Kelley Oswald

## Additional Information

---

Application Creator: This account was created by Kelley Oswalt

---

**INITIAL APPLICATION**  
Site Operating Permit

***CHENIERE***



**Corpus Christi Liquefaction, LLC  
Corpus Christi Liquefaction  
Corpus Christi Liquefaction Stage 3  
CN604136374  
RN104104716**

**Prepared By:**

Kelley Oswald – Senior Consultant

**TRINITY CONSULTANTS**

9737 Great Hills Trail  
Suite 340  
Austin, TX 78759  
512-693-4191

November 2023

Project 234415.0020

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## **1. PROJECT INFORMATION**

---

Corpus Christi Liquefaction, LLC (CCL), a subsidiary of Cheniere Energy, Inc, owns and operates the liquefied natural gas (LNG) Terminal, located near Gregory, in San Patricio and Nueces Counties, Texas. CCL is currently authorized by New Source Review (NSR) Permit Nos. 105710/PSDTX1306/GHGPSDTX123 and Site Operating Permit No. 03580 to construct and operate a natural gas liquefaction and export plant, consisting of Trains 1, 2, 3 and associated infrastructure (known as Stages 1 & 2), at the LNG Terminal.

CCL is also authorized by New Source Review (NSR) Permit Nos. 139479/PSDTX196/GHGPSDTX157 to construct additional natural gas liquefaction facilities at the LNG Terminal (known as the Stage 3 Project).

The purpose of this application is to apply for an initial SOP for the Stage 3 facilities at the LNG Terminal authorized by NSR Permit Nos. 139479/PSDTX196/GHGPSDTX157.

## 2. ADMINISTRATIVE FORMS

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This section contains the following forms and information:

- ▶ OP-ACPS – Application Compliance Plan and Schedule
- ▶ OP-1 – Site Information Summary
- ▶ OP-DEL – Delegation of Responsible Official Information
- ▶ OP-SUM – Individual Unit Summary
- ▶ OP-PBRSUP – Permit By Rule Supplemental Table
- ▶ Public Involvement Plan Form

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

<b>Date:</b> 11/16/2023	<b>Regulated Entity No.:</b> RN104104716	<b>Permit No.:</b> TBD
<b>Company Name:</b> Corpus Christi Liquefaction, LLC		<b>Area Name:</b> Corpus Christi Liquefaction Stage 3

- 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**

<b>A. Compliance Plan — Future Activity Committal Statement</b>	
<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>B. Compliance Certification - Statement for Units in Compliance*</b> (Indicate response by entering an "X" in the appropriate column)	
<b>1.</b> 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
<b>2.</b> 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
<b>3.</b> 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>* 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.</p> <p>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.</p>	

**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.

<b>I. Company Identifying Information</b>
A. Company Name: <b>Corpus Christi Liquefaction, LLC</b>
B. Customer Reference Number (CN): <b>CN604136374</b>
C. Submittal Date (mm/dd/yyyy): <b>11/16/2023</b>
<b>II. Site Information</b>
A. Site Name: <b>Corpus Christi Liquefaction</b>
B. Regulated Entity Reference Number (RN): <b>RN104104716</b>
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 <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input checked="" type="checkbox"/> PM <sub>10</sub> <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
F. Is the site within a local program area jurisdiction? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
<b>III. Permit Type</b>
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**

<b>IV. Initial Application Information</b> <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 checked="" 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
E. Has the required Public Involvement Plan been included with this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>V. Confidential Information</b>	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>VI. Responsible Official (RO) Identifying Information</b>	
RO Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: <b>Brett Woltjen</b>	
RO Title: <b>Senior Vice President and General Manager</b>	
Employer Name: <b>Cheniere Energy, Inc.</b>	
Mailing Address: <b>PO Box 162</b>	
City: <b>Gregory</b>	
State: <b>TX</b>	
ZIP Code: <b>78359</b>	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: <b>361-977-1212</b>	
Fax No.:	
Email: <b>Brett.Woltjen@cheniere.com</b>	

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

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: <b>Daniel Goodman</b>
Technical Contact Title: <b>Senior Environmental Engineer</b>
Employer Name: <b>Cheniere Energy, Inc.</b>
Mailing Address: <b>845 Texas Avenue, Suite 1250</b>
City: <b>Houston</b>
State: <b>TX</b>
ZIP Code: <b>77002</b>
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: <b>713-375-5512</b>
Fax No.:
Email: <b>Daniel.Goodman@cheniere.com</b>
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A. State Senator: Morgan LaMantia</b>
<b>B. State Representative: J.M. Lozano</b>
<b>C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?</b> <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A</span>
<b>D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?</b> <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>E. Indicate the alternate language(s) in which public notice is required: Spanish</b>

**Federal Operating Permit Program  
Site Information Summary  
Form OP-1 (Page 4)  
Texas Commission on Environmental Quality**

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
<b>X. Application Area Information</b>
A. Area Name: <b>Corpus Christi Liquefaction Stage 3</b>
B. Physical Address: <b>622 State Highway 35</b>
City: <b>Gregory</b>
State: <b>TX</b>
ZIP Code: <b>78359</b>
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**

<b>X. Application Area Information</b> <i>(continued)</i>
<b>G.</b> Latitude (nearest second): <b>27:54:00</b>
<b>H.</b> Longitude (nearest second): <b>97:16:14</b>
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: <b>60</b>
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>XI. Public Notice</b> <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
<b>A.</b> Name of a public place to view application and draft permit: <b>Bell/Whittington Public Library</b>
<b>B.</b> Physical Address: <b>2400 Memorial Parkway</b>
City: <b>Portland</b>
ZIP Code: <b>78374</b>
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: <b>Craig Kondoff</b>
Contact Mailing Address: <b>PO Box 162</b>
City: <b>Gregory</b>
State: <b>TX</b>
ZIP Code: <b>78359</b>
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: <b>361-977-1373</b>

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

<b>XII. Delinquent Fees and Penalties</b>
<b>Notice:</b> 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."
<b>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.</b>
<b>XIII. Designated Representative (DR) Identifying Information</b>
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: ( Mr.  Mrs.  Ms.  Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

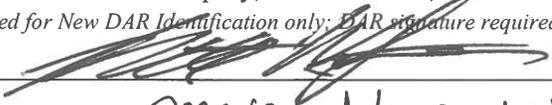
Telephone No.:

Fax No.:

Email:

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

A Responsible Official (RO) may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. **Send this completed form to the TCEQ Central Office to the attention of the Air Permits Division.** Signature stamps can be accepted in place of an original signature. Faxes, photocopies, and electronic submittals can be accepted in place of an original Form OP-DEL; however, a follow-up submittal of the original Form OP-DEL is requested

<b>I. Identifying Information</b>		
Account No.:	RN: RN104104716	CN: CN604136374
Permit No.: TBD	Area Name: Corpus Christi Liquefaction Stage 3	
Company Name: Corpus Christi Liquefaction, LLC		
<b>II. Duly Authorized Representative Information</b>		
Action Type:	<input checked="" type="checkbox"/> New DAR Identification	<input type="checkbox"/> Administrative Information Change
Conventional Title: ( <input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
Name: Jessica Muennink		
Title: Health, Safety, and Environmental Manager	Delegation Effective Date: 11/16/23	
Telephone No.: 361-977-1342	Fax No.:	
Company Name: Cheniere Energy, Inc.		
Mailing Address: PO Box 162		
City: Gregory	State: TX	ZIP Code: 78359
E-mail Address: Jessica.Muennink@cheniere.com		
<b>III. Certification of Truth, Accuracy, and Completeness</b>		
I, <u>Brett Woltjen</u> , certify that, based on <small>(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)</small> information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. <small>(RO signature required for New DAR Identification only; DAR signature required for any Action Type)</small>		
Responsible Official Signature:		Date: 11/16/23
Duly Authorized Representative Signature:	<u>Jessica Muennink</u>	Date: 11/16/23
<b>IV. Removal of Duly Authorized Representative(s)</b>		
The following should be removed as Duly Authorized Representative(s): _____ <small>(Name(s) printed or typed)</small> Effective Date: _____		
Responsible Official Signature:	_____	Date: _____

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

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
MSFURN1	OP-UA5, OP-UA6	Train 1 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSFURN2	OP-UA5, OP-UA6	Train 2 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSFURN3	OP-UA5, OP-UA6	Train 3 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSFURN4	OP-UA5, OP-UA6	Train 4 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSFURN5	OP-UA5, OP-UA6	Train 5 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSFURN6	OP-UA5, OP-UA6	Train 6 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSFURN7	OP-UA5, OP-UA6	Train 7 Hot Oil Furnace		139479	PSDTX1496, GHGPSDTX157	GRPMSFURN
MSAGRU1	OP-UA15	Acid Gas Recovery Unit Vent Train 1		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSAGRU2	OP-UA15	Acid Gas Recovery Unit Vent Train 2		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSAGRU3	OP-UA15	Acid Gas Recovery Unit Vent Train 3		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSAGRU4	OP-UA15	Acid Gas Recovery Unit Vent Train 4		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSAGRU5	OP-UA15	Acid Gas Recovery Unit Vent Train 5		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSAGRU6	OP-UA15	Acid Gas Recovery Unit Vent Train 6		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSAGRU7	OP-UA15	Acid Gas Recovery Unit Vent Train 7		139479	PSDTX1496, GHGPSDTX157	GRPMSAGRU
MSCONCOL1	OP-REQ2	Condensate Stabilization Column Train 1		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL

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

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
MSCONCOL2	OP-REQ2	Condensate Stabilization Column Train 2		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL
MSCONCOL3	OP-REQ2	Condensate Stabilization Column Train 3		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL
MSCONCOL4	OP-REQ2	Condensate Stabilization Column Train 4		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL
MSCONCOL5	OP-REQ2	Condensate Stabilization Column Train 5		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL
MSCONCOL6	OP-REQ2	Condensate Stabilization Column Train 6		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL
MSCONCOL7	OP-REQ2	Condensate Stabilization Column Train 7		139479	PSDTX1496, GHGPSDTX157	GRPMSCONCOL
MSFWP1	OP-UA2	Fire Water Pump		139479	PSDTX1496, GHGPSDTX157	GRPMFWP
MSFWP2	OP-UA2	Fire Water Pump		139479	PSDTX1496, GHGPSDTX157	GRPMFWP
MSGEN1	OP-UA2	Train 1 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN
MSGEN2	OP-UA2	Train 2 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN
MSGEN3	OP-UA2	Train 3 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN
MSGEN4	OP-UA2	Train 4 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN
MSGEN5	OP-UA2	Train 5 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN
MSGEN6	OP-UA2	Train 6 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN
MSGEN7	OP-UA2	Train 7 Diesel Generator		139479	PSDTX1496, GHGPSDTX157	GRPMGEN

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

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
MSFUG1	OP-REQ2	Train 1 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG2	OP-REQ2	Train 2 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG3	OP-REQ2	Train 3 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG4	OP-REQ2	Train 4 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG5	OP-REQ2	Train 5 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG6	OP-REQ2	Train 6 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG7	OP-REQ2	Train 7 Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFUG	OP-REQ2	Common Equipment Fugitives		139479	PSDTX1496, GHGPSDTX157	GRPMSFUG
MSFWPTK1	OP-UA3	Fire Water Pump Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSFWPTK
MSFWPTK2	OP-UA3	Fire Water Pump Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSFWPTK
MSGENTK1	OP-UA3	Train 1 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK
MSGENTK2	OP-UA3	Train 2 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK
MSGENTK3	OP-UA3	Train 3 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK
MSGENTK4	OP-UA3	Train 4 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK
MSGENTK5	OP-UA3	Train 5 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK

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

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
MSGENTK6	OP-UA3	Train 6 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK
MSGENTK7	OP-UA3	Train 7 Generator Diesel Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSGENTK
MSAMTNK1	OP-UA3	Train 1 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSAMTNK2	OP-UA3	Train 2 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSAMTNK3	OP-UA3	Train 3 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSAMTNK4	OP-UA3	Train 4 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSAMTNK5	OP-UA3	Train 5 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSAMTNK6	OP-UA3	Train 6 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSAMTNK7	OP-UA3	Train 7 Amine Tank		139479	PSDTX1496, GHGPSDTX157	GRPMSAMTNK
MSGFLR1	OP-UA7	Midscale Ground Flare 1		139479	PSDTX1496, GHGPSDTX157	GRPMSGFLR
MSGFLR2	OP-UA7	Midscale Ground Flare 2		139479	PSDTX1496, GHGPSDTX157	GRPMSGFLR
MSGFLR3	OP-UA7	Midscale Ground Flare 3		139479	PSDTX1496, GHGPSDTX157	GRPMSGFLR
MSGFLRVTR5	OP-UA15	Midscale Ground Flare Vent Stream Reg 5		139479	PSDTX1496, GHGPSDTX157	
MSGFLRVTEX	OP-UA15	Midscale Ground Flare Vent Stream Reg 5 Exempt		139479	PSDTX1496, GHGPSDTX157	

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

Date	Permit Number	Regulated Entity Number	Area Name
11/16/2023	TBD	RN104104716	Corpus Christi Liquefaction Stage 3

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

Texas Commission on Environmental Quality  
Permit By Rule Supplemental Table (Page 2)

Table B: Claimed (not registered) Permits By Rule (30 TAC Chapter 106) for the Application Area

Date	Permit Number	Regulated Entity Number	Area Name
11/16/2023	TBD	RN104104716	Corpus Christi Liquefaction Stage 3

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

Texas Commission on Environmental Quality  
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

Date	Permit Number	Regulated Entity Number	Area Name
11/16/2023	TBD	RN104104716	Corpus Christi Liquefaction Stage 3

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

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

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

Date	Permit Number	Regulated Entity Number	Area Name
11/16/2023	TBD	RN104104716	Corpus Christi Liquefaction Stage 3

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
N/A	N/A	N/A	N/A



Texas Commission on Environmental Quality

## Public Involvement Plan Form for Permit and Registration Applications

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

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

### Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

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

### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, **and**

Located within any of the following geographical locations:

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

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

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

### 3. PROCESS DESCRIPTION

---

CCL plans to construct and operate facilities located at the Terminal near Gregory, in San Patricio and Nueces Counties. The facilities proposed in this permit will have the capability to liquefy natural gas from the pipeline system for export as LNG. The facilities will consist of seven new mid-scale liquefaction trains, Trains 1 through 7, which will liquefy natural gas into LNG. The LNG produced by the seven trains will be stored in existing LNG storage tanks within the Stage 1 and 2 Project at the Terminal. LNG will be exported via LNG carriers that will arrive at the CCL marine terminal.

CCL will operate the seven trains continuously (up to 8,760 hours per year) using electric driven refrigeration compressors.

Each of the seven trains in the liquefaction process is equipped with an Acid Gas Removal Unit (AGRU). To reduce emissions from the acid gas vent stack, sulfur emissions are controlled with sulfur removal equipment. The equipment is designed to remove the sulfur from the acid gas, which will be sent offsite for treatment and/or disposal. There are no vents directly to the atmosphere associated with the sulfur removal system. After sulfur removal, the acid gas is controlled using thermal oxidizers ("TOs") (EPNs: MSTO1 through MSTO7), one per train. Acid gas can also be vented to the ground flares (EPNs: MSGFLR1, MSGFLR2, and MSGFLR3) when the TOs are out of service for maintenance and repair. Seven fixed roof tanks for storage of amine (EPNs: MSAMTNK1 through MSAMTNK7) will store supplies of amine.

Heavier compounds in the natural gas will be removed as condensate. The condensate will be routed and stored in an existing internal roof floating roof tank (EPN: IFRTK), authorized by NSR Permit Nos. 105710/PSDTX1306/GHGPSDTX123 and SOP O3580, and loaded into tank trucks or pipeline for delivery to market.

Emissions related to vessel loading will be controlled by an existing marine flare (EPN: MRNFLR), authorized by NSR Permit Nos. 105710/PSDTX1306/GHGPSDTX123 and SOP O3580. The marine flare will be used if a ship arrives in a condition that doesn't meet loading temperature and composition specifications required to begin loading or return displaced vapors to the LNG process.

Three ground flares (EPNs: MSGFLR1, MSGFLR2, MSGFLR3), will be constructed to control process emissions from the Stage 3 Project liquefaction trains. The ground flares will control emissions from continuous system purge, refrigerant compressor seal leakage, periodic maintenance, startup, and shutdown (MSS) emissions, and emissions during emergency periods.

There are also seven diesel-driven standby generators (EPNs: MSGEN1 through MSGEN7) and two diesel-driven fire water pump engines (EPNs MSFWP1 and MSFWP2). There will be nine fixed roof tanks to store diesel required for the generators and firewater pumps (EPNs: MSGENTK1 through MSGENTK7, MSFWPTK1 and MSFWPTK2).

## 4. AREA MAP

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Nearest School

Gregory



3,000ft Buffer

Area shown on Plot Plan

Site Location

# CHENIERE CORPUS CHRISTI LIQUEFACTION SITE

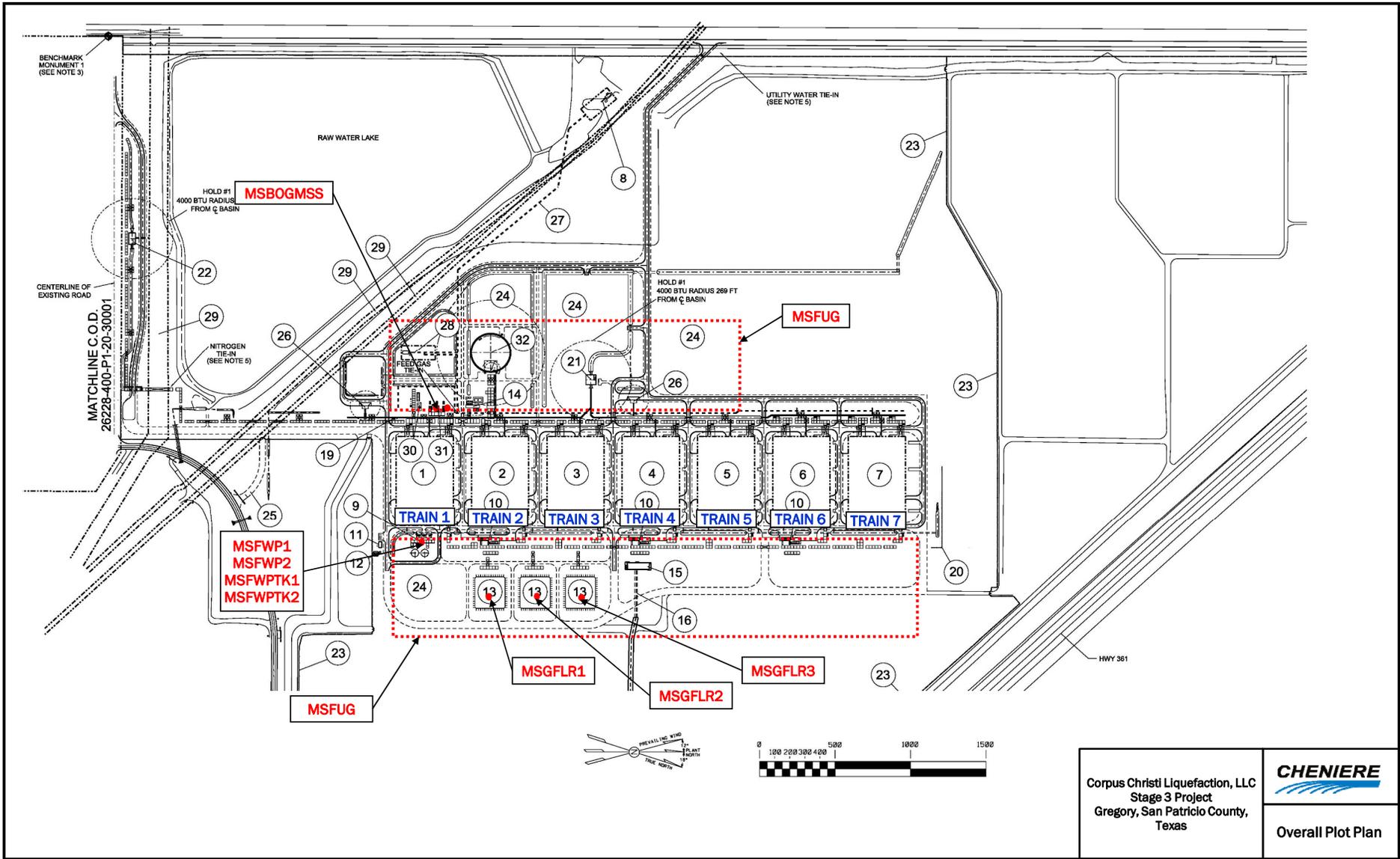


Scale 1:26,000  
San Patricio County, Texas  
0 1,000 2,000 Feet

Area Map

## 5. PLOT PLAN

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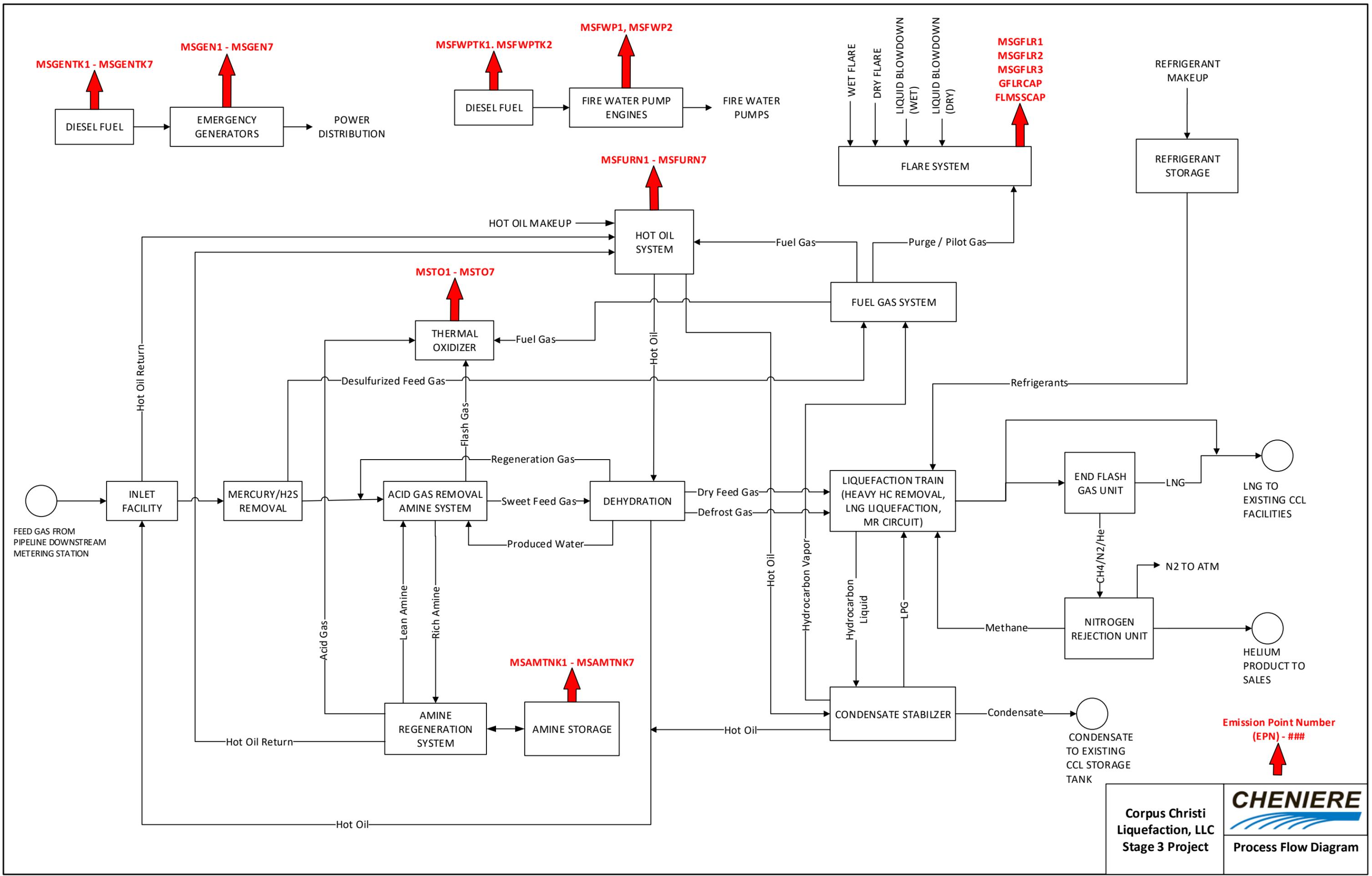
Corpus Christi Liquefaction, LLC  
 Stage 3 Project  
 Gregory, San Patricio County,  
 Texas



Overall Plot Plan

## 6. PROCESS FLOW DIAGRAM

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FEED GAS FROM PIPELINE DOWNSTREAM METERING STATION

DIESEL FUEL

EMERGENCY GENERATORS

POWER DISTRIBUTION

DIESEL FUEL

FIRE WATER PUMP ENGINES

FIRE WATER PUMPS

FLARE SYSTEM

REFRIGERANT STORAGE

HOT OIL SYSTEM

FUEL GAS SYSTEM

THERMAL OXIDIZER

INLET FACILITY

MERCURY/H2S REMOVAL

ACID GAS REMOVAL AMINE SYSTEM

DEHYDRATION

LIQUEFACTION TRAIN (HEAVY HC REMOVAL, LNG LIQUEFACTION, MR CIRCUIT)

END FLASH GAS UNIT

AMINE REGENERATION SYSTEM

AMINE STORAGE

CONDENSATE STABILIZER

NITROGEN REJECTION UNIT

LNG TO EXISTING CCL FACILITIES

HELIUM PRODUCT TO SALES

CONDENSATE TO EXISTING CCL STORAGE TANK

Corpus Christi Liquefaction, LLC Stage 3 Project

**CHENIERE**  
Process Flow Diagram

## 7. UNIT ATTRIBUTE FORMS

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This section contains the following Unit Attribute Forms:

- ▶ OP-UA2 – Stationary Reciprocating Internal Combustion Engine Attributes
- ▶ OP-UA3 – Storage Tank Vessel Attributes
- ▶ OP-UA5 – Process Heater/Furnace Attributes
- ▶ OP-UA6 – Boiler/Steam Generator/Steam Generating Unit Attributes
- ▶ OP-UA7 – Flare Attributes
- ▶ OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent 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**

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
11/16/2023	TBD	RN104104716

<b>Unit ID No.</b>	<b>SOP/GOP Index No.</b>	<b>HAP Source</b>	<b>Brake HP</b>	<b>Construction/ Reconstruction Date</b>	<b>Nonindustrial Emergency Engine</b>	<b>Service Type</b>	<b>Stationary RICE Type</b>
GRPMSFWP	63ZZZZ-1	MAJOR	100-250	06+		EMER-A	
GRPMSGEN	63ZZZZ-2	MAJOR	500+	06+		EMER-A	

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 10)**

**Federal Operating Permit Program**

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

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

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
11/16/2023	TBD	RN104104716

<b>Unit ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Applicability Date</b>	<b>Exemptions</b>	<b>Service</b>	<b>Commencing</b>	<b>Manufacture Date</b>
GRPMSFWP	60IIII-1	2005+	NONE	FIRE	CON	0706+
GRPMSGEN	60IIII-2	2005+	NONE	EMERG	CON	0406+

**Stationary Reciprocating Internal Combustion Engine Attributes**

Form OP-UA2 (Page 11)

Federal Operating Permit Program

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

Subpart III: Standards of Performance for Stationary Compression Ignition Internal Combustion Engine

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRPMSFWP	60IIII-1	DIESEL		10-		2017+	
GRPMSGEN	60IIII-2	DIESEL		10-CS		2017+	

**Stationary Reciprocating Internal Combustion Engine Attributes  
Form OP-UA2 (Page 12)**

**Federal Operating Permit Program**

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

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

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
11/16/2023	TBD	RN104104716

<b>Unit ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Kilowatts</b>	<b>Filter</b>	<b>AECD</b>	<b>Standard</b>	<b>Compliance Option</b>	<b>PM Compliance</b>	<b>Options</b>
GRPMSFWP	60IIII-1	F130-368		NO	NO	MANU YES		
GRPMSGEN	60IIII-2	E560-2237		NO	NO	MANU YES		

**Storage Tank/Vessel Attributes**

Form OP-UA3 (Page 3)

**Federal Operating Permit Program**

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

**Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels**

**(Including Petroleum Liquid Storage Vessels)**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

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.
GRPMSFWPTK	60Kb-1	PTLQ-3	10K-							
GRPMSGENTK	60Kb-1	PTLQ-3	10K-							
GRPMSAMTNK	60Kb-2	VOL	40K+	NONE	0.5-					

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 4)

Federal Operating Permit Program

Table 4a: 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Storage of Volatile Organic Compounds (VOCs)

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
GRPMSFWPTK	R5111-1	NO		VOC3	C1K-			
GRPMSGENTK	R5111-2	NO		VOC3	C1K-25K			
GRPMSAMTNK	R5111-2	NO		VOC3	C25K+			

Storage Tank/Vessel Attributes

Form OP-UA3 (Page 5)

Federal Operating Permit Program

Table 4b: 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Storage of Volatile Organic Compounds (VOCs)

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
GRPMSFWPTK	R5111-1							
GRPMSGENTK	R5111-2	73+	NONE2	1.5-C				
GRPMSAMTNK	R5111-2	73+	NONE2	1.5-C				

Texas Commission on Environmental Quality  
 Process Heater/Furnace Attributes  
 Form OP-UA5 (Page 10)  
 Federal Operating Permit Program

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

<b>Date:</b>	11/16/2023
<b>Permit No.:</b>	TBD
<b>Regulated Entity No.:</b>	RN104104716

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
GRPMSFURN	63DDDDD-1	NEW	T3.3G1		

**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.
11/16/2023	TBD	RN104104716

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 <sub>2</sub>	ACF Option PM	30% Coal Duct Burner
GRPMSFURN	60Dc-1	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.
11/16/2023	TBD	RN104104716

Unit ID No.	SOP/GOP Index No.	Monitoring Type PM	Monitoring Type SO <sub>2</sub> Inlet	Monitoring Type SO <sub>2</sub> Outlet	Technology Type	43CE-Option	47C-Option
GRPMSFURN	60Dc-1	NONE	NONE	NONE	NONE		

Texas Commission on Environmental Quality

Flare Attributes

Form OP-UA7 (Page 1)

Federal Operating Permit Program

Table 1: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)

Control of Air Pollutants from Visible Emissions and Particulate Matter

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

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

Texas Commission on Environmental Quality

Flare Attributes

Form OP-UA7 (Page 3)

Federal Operating Permit Program

Table 3: Title 40 Code of Federal Regulations Part 60 and 61 (40 CFR Part 60 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.
11/16/2023	TBD	RN104104716

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
GRPMSGFLR	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.
11/16/2023	TBD	RN104104716

Unit ID No.	SOP/GOP Index No.	Required under 40 CFR Part 63	Heat Content Specifications	Flare Assist Type	Flare Exit Velocity	Heating Value of Gas
GRPMSGFLR	63A-1	NO				

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 3)**  
**Federal Operating Permit Program**  
**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Vent Gas Control**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GRPMSAGRU	R5121-1	NO	NO	CLASVOC			30K-	YES
MSGFLRVTEX	R5121-2	NO	NO	CLASVOC		100-	30K-	YES
MSGFLRVTR5	R5121-3	NO	NO	SPECVOC				

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes  
 Form OP-UA15 (Page 4)  
 Federal Operating Permit Program  
 Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
 Subchapter B: Vent Gas Control  
 Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
GRPMSAGRU	R5121-1				
MSGFLRVTEX	R5121-2				
MSGFLRVTR5	R5121-3	NONE		FLARE	GRPMSGFLR

## **8. APPLICABLE REQUIREMENTS SUMMARY FORMS**

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This section contains the following forms and information:

- ▶ Form OP-REQ1 – Application Area-Wide Applicability Determinations and General Information
- ▶ Form OP-REQ2 – Negative Applicable Requirements Determinations
- ▶ Form OP-REQ3 – Applicable Requirements Summary
- ▶ Major NSR Summary Table for 139479/PSDTX196/GHGPSDTX157

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

Date:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 1</b>		
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter</b>		
<b>A. Visible Emissions</b>		
◆	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. 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 2</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>	
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
<b>C. Emissions Limits on Nonagricultural Processes</b>	
◆ 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 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:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 3</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>C. Emissions Limits on Nonagricultural Processes (continued)</b>	
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
<b>D. Emissions Limits on Agricultural Processes</b>	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Outdoor Burning</b>	
◆ 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input 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 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 type="checkbox"/> NO

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

Date:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 4</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>E. Outdoor Burning (continued)</b>	
◆ 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 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 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 type="checkbox"/> NO
<b>II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds</b>	
<b>A. Temporary Fuel Shortage Plan Requirements</b>	
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
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds</b>	
<b>A. Applicability</b>	
◆ 1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Storage of Volatile Organic Compounds</b>	
◆ 1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 5</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>C. Industrial Wastewater</b>	
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 checked="" 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
<b>D. Loading and Unloading of VOCs</b>	
◆ 1. The application area includes VOC loading operations.	<input type="checkbox"/> YES <input checked="" 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 checked="" type="checkbox"/> NO

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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>D. Loading and Unloading of VOCs (continued)</b>	
◆ 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
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 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 checked="" 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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<b>Form OP-REQ1: Page 7</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)</b>	
◆ 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
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)</b>	
◆ 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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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)</b>	
◆ 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
<b>G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 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 checked="" 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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<b>Form OP-REQ1: Page 9</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>H. Control Of Reid Vapor Pressure (RVP) of Gasoline</b>	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries</b>	
1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>J. Surface Coating Processes (Complete this section for GOP applications only.)</b>	
◆ 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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<b>Form OP-REQ1: Page 10</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>K. Cutback Asphalt</b>	
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 checked="" 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
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels</b>	
◆ 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 checked="" 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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<b>Form OP-REQ1: Page 11</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)</b>	
◆ 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
<b>M. Petroleum Dry Cleaning Systems</b>	
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 checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 12</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))</b>	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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 checked="" 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
<b>O. Cooling Tower Heat Exchange Systems (HRVOC)</b>	
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 checked="" type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 13</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds</b>	
<b>A. Applicability</b>	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H. For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input 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. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>B. Utility Electric Generation in Ozone Nonattainment Areas</b>	
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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<b>Form OP-REQ1: Page 14</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>	
<b>C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas</b>	
◆ 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 <sub>x</sub> 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
<b>D. Adipic Acid Manufacturing</b>	
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
<b>E. Nitric Acid Manufacturing - Ozone Nonattainment Areas</b>	
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
<b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines</b>	
◆ 1. The application area is located at a site that is a minor source of NO <sub>x</sub> 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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<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)</b>	
<b>F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)</b>	
◆ 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 <sub>3</sub> ) 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.	
<b>G. Utility Electric Generation in East and Central Texas</b>	
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
<b>H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters</b>	
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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<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products</b>	
<b>A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings</b>	
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>B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products</b>	
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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<b>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)</b>	
<b>C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings</b>	
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
<b>D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings</b>	
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
<b>E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers</b>	
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
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards</b>	
<b>A. Applicability</b>	
◆ 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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<b>Form OP-REQ1: Page 18</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants</b>	
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
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)</b>	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 19</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)</b>	
◆ 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
<b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>	
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
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b>	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b>	
◆ 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.	
<b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>	
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
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>	
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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<b>Form OP-REQ1: Page 21</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)</b>	
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
<b>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</b>	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 22</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>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)</b>	
◆ 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
<b>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</b>	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)</b>	
<b>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)</b>	
◆ 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
<b>K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution</b>	
◆ 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
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants</b>	
<b>A. Applicability</b>	
◆ 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>B. Subpart F - National Emission Standard for Vinyl Chloride</b>	
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
<b>C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)</b>	
◆ 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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>	
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
<b>E. Subpart M - National Emission Standard for Asbestos</b>	
<i>Applicability</i>	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Roadway Construction</i>	
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
<i>Manufacturing Commercial Asbestos</i>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Manufacturing Commercial Asbestos (continued)</i></b>	
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
<b><i>Asbestos Spray Application</i></b>	
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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<b>Form OP-REQ1: Page 28</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Asbestos Spray Application (continued)</i></b>	
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
<b><i>Fabricating Commercial Asbestos</i></b>	
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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Fabricating Commercial Asbestos (continued)</i></b>	
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
<b><i>Non-sprayed Asbestos Insulation</i></b>	
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
<b><i>Asbestos Conversion</i></b>	
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
<b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>	
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
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>	
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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>	
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
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>	
<b>Applicability</b>	
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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<b>Form OP-REQ1: Page 31</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Applicability (continued)</b>	
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
<b>Waste Stream Exemptions</b>	
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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<b>Form OP-REQ1: Page 32</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Container Requirements</b>	
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
<b>Individual Drain Systems</b>	
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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<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<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
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories</b>	
<b>A. Applicability</b>	
◆ 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>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry</b>	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)</b>	
<p>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).</p> <p><i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p> <p><i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>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</b>	
<b>Applicability</b>	
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
<b>Vapor Collection and Closed Vent Systems</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>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)</b>	
<b><i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i></b>	
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
<b><i>Transfer Racks</i></b>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Process Wastewater Streams</i></b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>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)</b>	
<b>Process Wastewater Streams (continued)</b>	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>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)</b>	
<b>Process Wastewater Streams (continued)</b>	
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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<b>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)</b>	
<b><i>Drains</i></b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>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)</b>	
<b>Drains (continued)</b>	
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
<b>Gas Streams</b>	
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
<b>D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</b>	
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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<b>Form OP-REQ1: Page 41</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities</b>	
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
<b>F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers</b>	
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
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry</b>	
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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<b>Form OP-REQ1: Page 44</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning</b>	
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
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
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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<b>Form OP-REQ1: Page 46</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<b>Containers</b>	
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
<b>Drains</b>	
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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<b>Form OP-REQ1: Page 47</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)</b>	
<b>Drains (continued)</b>	
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
<b>K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting</b>	
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
<b>M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations</b>	
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
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries</b>	
<b>Applicability</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
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
<b>Containers, Drains, and other Appurtenances</b>	
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
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
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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<b>Form OP-REQ1: Page 53</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities</b>	
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
<b>Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.</b>	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 54</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)</b>	
◆ 5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft <sup>3</sup> ) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z. For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 55</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>	
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
<b>S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations</b>	
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
<b>T. Subpart KK - National Emission Standards for the Printing and Publishing Industry</b>	
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
<b>U. Subpart PP - National Emission Standards for Containers</b>	
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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<b>Form OP-REQ1: Page 56</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>U. Subpart PP - National Emission Standards for Containers (continued)</b>	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>V. Subpart RR - National Emission Standards for Individual Drain Systems</b>	
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
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards</b>	
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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<b>Form OP-REQ1: Page 57</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>Form OP-REQ1: Page 58</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>Form OP-REQ1: Page 59</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 60</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>Form OP-REQ1: Page 61</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
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
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins</b>	
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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<b>Form OP-REQ1: Page 65</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
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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<b>Form OP-REQ1: Page 66</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
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
<b>Containers</b>	
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
<b>Drains</b>	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 67</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)</b>	
<b>Drains (continued)</b>	
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 a 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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<b>Form OP-REQ1: Page 68</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.</b>	
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
<b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>	
◆ 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
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input 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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
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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<b>Form OP-REQ1: Page 70</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
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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<b>Form OP-REQ1: Page 72</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
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
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>	
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 <sup>3</sup> 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
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>	
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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<b>Form OP-REQ1: Page 74</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>	
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
<b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>	
◆ 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.  <b>Subpart ZZZZ, DDDDD</b>	

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<b>Form OP-REQ1: Page 76</b>	
<b>IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions</b>	
<b>A. Applicability</b>	
◆ 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
<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone</b>	
<b>A. Subpart A - Production and Consumption Controls</b>	
◆ 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 checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>B. Subpart B - Servicing of Motor Vehicle Air Conditioners</b>	
◆ 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
<b>C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances</b>	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>D. Subpart D - Federal Procurement</b>	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>E. Subpart E - The Labeling of Products Using Ozone Depleting Substances</b>	
◆ 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 checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 77</b>	
<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)</b>	
<b>F. Subpart F - Recycling and Emissions Reduction</b>	
◆ 1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>G. Subpart G - Significant New Alternatives Policy Program</b>	
◆ 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 checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>H. Subpart H -Halon Emissions Reduction</b>	
◆ 1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>XI. Miscellaneous</b>	
<b>A. Requirements Reference Tables (RRT) and Flowcharts</b>	
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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<b>Form OP-REQ1: Page 78</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>B. Forms</b>	
◆ 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.	
<b>C. Emission Limitation Certifications</b>	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>	
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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<b>Form OP-REQ1: Page 79</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>E. Title IV - Acid Rain Program</b>	
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
<b>F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO<sub>x</sub> Ozone Season Group 2 Trading Program</b>	
1. The application area includes emission units subject to the requirements of the CSAPR NO <sub>x</sub> 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 <sub>x</sub> 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 <sub>x</sub> , 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 <sub>x</sub> , 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 <sub>x</sub> 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 <sub>x</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO <sub>x</sub> Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 80</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>G. 40 CFR Part 97, Subpart FFFFF - Texas SO<sub>2</sub> Trading Program</b>	
1. The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>H. Permit Shield (SOP Applicants Only)</b>	
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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<b>Form OP-REQ1: Page 81</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>I. GOP Type (Complete this section for GOP applications only)</b>	
◆ 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
<b>J. Title 30 TAC Chapter 101, Subchapter H</b>	
◆ 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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<b>Form OP-REQ1: Page 82</b>		
<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	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 <sub>x</sub> .	<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
<b>K. Periodic Monitoring</b>		
◆	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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<b>Form OP-REQ1: Page 83</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>L. Compliance Assurance Monitoring</b>	
◆ 1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆ 7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 84</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>L. Compliance Assurance Monitoring (continued)</b>	
◆ 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. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆ 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. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆ 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. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆ 12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times</b>	
◆ 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> <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</span>
◆ 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. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>XII. New Source Review (NSR) Authorizations</b>	
<b>A. Waste Permits with Air Addendum</b>	
◆ 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> <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>

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<b>Form OP-REQ1: Page 85</b>		
<b>XII. New Source Review (NSR) Authorizations (continued)</b>		
<b>B. Air Quality Standard Permits</b>		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 86</b>	
<b>XII. New Source Review (NSR) Authorizations (continued)</b>	
<b>B. Air Quality Standard Permits (continued)</b>	
◆ 11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Flexible Permits</b>	
1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>D. Multiple Plant Permits</b>	
1. The application area includes at least one Multi-Plant Permit NSR authorization.	<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:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 87</b>			
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>			
<b>E. PSD Permits and PSD Major Pollutants</b>			
PSD Permit No.: PSDTX1496	Issuance Date: March 29, 2023	Pollutant(s): VOC, CO, NO <sub>x</sub> , PM <sub>10</sub> , PM <sub>2.5</sub>	
PSD Permit No.: GHGPSDTX157	Issuance Date: March 29, 2023	Pollutant(s): CO <sub>2e</sub>	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>F. Nonattainment (NA) Permits and NA Major Pollutants</b>			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>G. NSR Authorizations with FCAA § 112(g) Requirements</b>			
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:
<b>◆ 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</b>			
Authorization No.: 139479	Issuance Date: March 29, 2023	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

Date:	11/16/2023
Permit No.:	TBD
RN No.:	RN104104716

*For SOP applications, answer ALL questions unless otherwise directed.*

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

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
<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.:	Version No./Date:
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:

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

Date	Permit No.	Regulated Entity No.
11/16/2023	TBD	RN104104716

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability Reason
A		GRPMSFWPTK	OP-UA3	40 CFR Part 60, Subpart Kb	§60.110b(a)	Storage tank has a capacity less than 75 cubic meters.
A		GRPMSFWPTK	OP-UA3	30 TAC 115 Storage of VOCs	§115.111(c)(5)	Storage tank located in San Patricio county has a capacity less than or equal to 1,000 gallons.
A		GRPMSGENTK	OP-UA3	40 CFR Part 60, Subpart Kb	§60.110b(a)	Storage tank has a capacity less than 75 cubic meters.
A		GRPMSGENTK	OP-UA3	30 TAC 115 Storage of VOCs	§115.111(c)(1)	Storage tank located in San Patricio county stores VOC with TVP less than 1.5 psia.
A		GRPMSAMTNK	OP-UA3	40 CFR Part 60, Subpart Kb	§60.110b(b)	Storage tank has a capacity greater than or equal to 151 m3 and stores a liquid with maximum TVP less than 3.5 kPa (0.5 psia).
A		GRPMSAMTNK	OP-UA3	30 TAC 115 Storage of VOCs	§115.111(c)(1)	Storage tank located in San Patricio county stores VOC with TVP less than 1.5 psia.
A		GRPMSFUG	OP-REQ2	40 CFR Part 63, Subpart EEEE	§63.2346(c)	The fugitive components in organic liquid service are not subject to 40 CFR Part 63, Subpart EEEE as there are no storage tanks or transfer racks at the site that meet the applicability for control in Table 2 or 2b as stated in 40 CFR §63.2346(c).
A		GRPMSGFLR	OP-UA7	40 CFR Part 60, Subpart A	§60.18(a)(1)	The flare is not used to comply with applicable subparts of Parts 60 or 61.
A		GRPMSGFLR	OP-UA7	40 CFR Part 63, Subpart A	§63.11(a)(2)	The flare is not used to comply with applicable subparts of Part 63.
A		GRPMSCONCOL	OP-REQ2	40 CFR Part 60, Subpart NNN	§60.660(a)	The column does not produce any of the chemicals listed in §60.667 as a product, co-product, by-product, or intermediate.

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

**Table 1a: Additions**

<b>Date:</b> 11/16/2023	<b>Regulated Entity No.:</b> RN104104716	<b>Permit No.:</b> TBD
<b>Company Name:</b> Corpus Christi Liquefaction, LLC	<b>Area Name:</b> Corpus Christi Liquefaction Stage 3	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	GRPMSAGRU	OP-UA15	R5121-1	VOC	30 TAC 115 Vent Gas Control	§115.127(c)(1)(C) §115.127(c)(1)
	GRPMSFURN	OP-UA5	63DDDDD-1	HAP	40 CFR Part 63, Subpart DDDDD	§63.7500(a)(1)-Table 3.3 §63.7500(a)(1), (a)(3) §63.7505(a) §63.7540(a), (a)(1), [G](a)(10), (a)(13)
	GRPMSFURN	OP-UA6	60Dc-1	SO <sub>2</sub>	40 CFR Part 60, Subpart Dc	§60.40c(a)
	GRPMSFURN	OP-UA6	60Dc-1	PM	40 CFR Part 60, Subpart Dc	§60.40c(a)
	GRPMSFURN	OP-UA6	60Dc-1	PM (Opacity)	40 CFR Part 60, Subpart Dc	§60.40c(a)
	GRPMSFWP	OP-UA2	63ZZZZ-1	HAP	40 CFR Part 63, Subpart ZZZZ	§63.6590(c)
	GRPMSFWP	OP-UA2	60IIII-1	NMHC+ NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§60.4205(c)-Table 4 §60.4206 §60.4207(b) [G]§60.4211(a), §60.4211(c), [G]§60.4211(f) §60.4218
	GRPMSFWP	OP-UA2	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§60.4205(c)-Table 4 §60.4206 §60.4207(b) [G]§60.4211(a), §60.4211(c), [G]§60.4211(f) §60.4218
	GRPMSGEN	OP-UA2	63ZZZZ-2	HAP	40 CFR Part 63, Subpart ZZZZ	§63.6590(b)(1) §63.6595(c) §63.6640(f)(1), (f)(2), (f)(2)(i), (f)(3)
	GRPMSGEN	OP-UA2	60IIII-2	NMHC+ NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§60.4205(b) §1039-Appendix I §60.4202(a)(2) §60.4206 §60.4207(b) [G]§60.4211(a), §60.4211(c), [G]§60.4211(f) §60.4218

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program**

**Table 1b: Additions**

<b>Date:</b> 11/16/2023	<b>Regulated Entity No.:</b> RN104104716	<b>Permit No.:</b> TBD
<b>Company Name:</b> Corpus Christi Liquefaction, LLC	<b>Area Name:</b> Corpus Christi Liquefaction Stage 3	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRPMSAGRU	R5121-1	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2) §115.126(4)	None
	GRPMSFURN	63DDDD-1	HAP	§63.7510(g) §63.7515(d) [G]§63.7521(f)-(g), (h)-(i) §63.7530(g) §63.7540(a), [G](a)(10), [G](c)	§63.7555(a), (a)(1)-(2), (g)-(h) §63.7560(a)-(c)	[G]§63.7521(g) §63.7530(e), (f) §63.7545(a)-(c), [G](e)-(f) §63.7550(a), [G](b)-(c), [G](h)
	GRPMSFURN	60Dc-1	SO2	None	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	GRPMSFURN	60Dc-1	PM	None	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	GRPMSFURN	60Dc-1	PM (Opacity)	None	§60.48c(g)(1)-(3), (i)	[G]§60.48c(a)
	GRPMSFWP	63ZZZZ-1	HAP	None	None	None
	GRPMSFWP	60IIII-1	NMHC+ NOX	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	GRPMSFWP	60IIII-1	PM	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	GRPMSGEN	63ZZZZ-2	HAP	None	None	§63.6645(f)
	GRPMSGEN	60IIII-2	NMHC+ NOX	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)

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

**Table 1a: Additions**

<b>Date:</b> 11/16/2023	<b>Regulated Entity No.:</b> RN104104716	<b>Permit No.:</b> TBD
<b>Company Name:</b> Corpus Christi Liquefaction, LLC	<b>Area Name:</b> Corpus Christi Liquefaction Stage 3	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	GRPMSGEN	OP-UA2	60III-2	CO	40 CFR Part 60, Subpart IIII	§60.4205(b) §1039-Appendix I §60.4202(a)(2) §60.4206 §60.4207(b) [G]§60.4211(a), §60.4211(c), [G]§60.4211(f) §60.4218
	GRPMSGEN	OP-UA2	60III-2	PM	40 CFR Part 60, Subpart IIII	§60.4205(b) §1039-Appendix I §60.4202(a)(2) §60.4206 §60.4207(b) [G]§60.4211(a), §60.4211(c), [G]§60.4211(f) §60.4218
	GRPMSGFLR	OP-UA7	R1111-1	Opacity	30 TAC 111 Visible Emissions	§111.111(a)(4)(A)
	MSGFLRVTEX	OP-UA15	R5121-2	VOC	30 TAC 115 Vent Gas Control	§115.127(c)(1)(B) §115.127(c)(1)
	MSGFLRVTEX	OP-UA15	R5121-2	VOC	30 TAC 115 Vent Gas Control	§115.127(c)(1)(C) §115.127(c)(1)
	MSGFLRVTR5	OP-UA15	R5121-3	VOC	30 TAC 115 Vent Gas Control	§115.122(c)(1) §115.121(c)(1) §115.122(c)(1)(B) §60.18

Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program

Table 1b: Additions

Date: 11/16/2023	Regulated Entity No.: RN104104716	Permit No.: TBD
Company Name: Corpus Christi Liquefaction, LLC	Area Name: Corpus Christi Liquefaction Stage 3	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRPMSGEN	60III-2	CO	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	GRPMSGEN	60III-2	PM	§60.4209(a)	§60.4214(b)	[G]§60.4214(d)
	GRPMSGFLR	R1111-1	Opacity	[T]§111.111(a)(4)(A)(i) §111.111(a)(4)(A)(ii)	§111.111(a)(4)(A)(ii)	None
	MSGFLRVTEX	R5121-2	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2) §115.126(4)	None
	MSGFLRVTEX	R5121-2	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2) §115.126(4)	None
	MSGFLRVTR5	R5121-3	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2)	None

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSFURN1	Train 1 Hot Oil Furnace	VOC	0.45	1.18	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM	0.63	1.63			
		PM <sub>10</sub>	0.63	1.63			
		PM <sub>2.5</sub>	0.63	1.63			
		SO <sub>2</sub>	0.31	0.81			
MSFURN2	Train 2 Hot Oil Furnace	VOC	0.45	1.18	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM	0.63	1.63			
		PM <sub>10</sub>	0.63	1.63			
		PM <sub>2.5</sub>	0.63	1.63			
		SO <sub>2</sub>	0.31	0.81			
MSFURN3	Train 3 Hot Oil Furnace	VOC	0.45	1.18	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM	0.63	1.63			
		PM <sub>10</sub>	0.63	1.63			
		PM <sub>2.5</sub>	0.63	1.63			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSFURN4	Train 4 Hot Oil Furnace	SO <sub>2</sub>	0.31	0.81	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		VOC	0.45	1.18			
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM	0.63	1.63			
		PM <sub>10</sub>	0.63	1.63			
		PM <sub>2.5</sub>	0.63	1.63			
MSFURN5	Train 5 Hot Oil Furnace	SO <sub>2</sub>	0.31	0.81	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		VOC	0.45	1.18			
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM	0.63	1.63			
		PM <sub>10</sub>	0.63	1.63			
		PM <sub>2.5</sub>	0.63	1.63			
MSFURN6	Train 6 Hot Oil Furnace	SO <sub>2</sub>	0.31	0.81	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		VOC	0.45	1.18			
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM <sub>10</sub>	0.63	1.63			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM <sub>2.5</sub>	0.63	1.63			
		SO <sub>2</sub>	0.31	0.81			
MSFURN7	Train 7 Hot Oil Furnace	VOC	0.45	1.18	2, 4, 7, 11, 12, 13, 14, 15	2, 7, 11, 13, 14, 21, 22	2, 12, 13
		CO	3.28	8.54			
		NO <sub>x</sub>	2.57	6.70			
		PM	0.63	1.63			
		PM <sub>10</sub>	0.63	1.63			
		PM <sub>2.5</sub>	0.63	1.63			
		SO <sub>2</sub>	0.31	0.81			
MSTO1	Train 1 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			
		SO <sub>2</sub>	0.30	0.80			
MSTO2	Train 2 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			
		SO <sub>2</sub>	0.30	0.80			
MSTO3	Train 3 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			
		SO <sub>2</sub>	0.30	0.80			
MSTO4	Train 4 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub>	0.30	0.80			
MSTO5	Train 5 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			
		SO <sub>2</sub>	0.30	0.80			
MSTO6	Train 6 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			
		SO <sub>2</sub>	0.30	0.80			
MSTO7	Train 7 Thermal Oxidizer	VOC	0.12	0.28	7, 8, 11, 12, 13	7, 8, 11, 13, 21, 22	12, 13
		CO	4.70	12.88			
		NO <sub>x</sub>	3.36	9.20			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.42	1.14			
		PM <sub>10</sub>	0.42	1.14			
		PM <sub>2.5</sub>	0.42	1.14			
		H <sub>2</sub> S	<0.01	<0.01			
		SO <sub>2</sub>	0.30	0.80			
MSGFLR1	Midscale Ground Flare 1	VOC	3.36	-	27, 9, 10	7, 9, 10, 21	
		CO	9.22	-			
		NO <sub>x</sub>	2.31	-			
		H <sub>2</sub> S	<0.01	-			
		SO <sub>2</sub>	<0.01	-			
MSGFLR2	Midscale Ground Flare 2	VOC	3.36	-	7, 9, 10	7, 9, 10, 21	
		CO	9.22	-			
		NO <sub>x</sub>	2.31	-			
		H <sub>2</sub> S	<0.01	-			
		SO <sub>2</sub>	<0.01	-			
MSGFLR3	Midscale Ground Flare 3	VOC	3.36	-	7, 9, 10	7, 9, 10, 21	
		CO	9.22	-			
		NO <sub>x</sub>	2.31	-			
		H <sub>2</sub> S	<0.01	-			
		SO <sub>2</sub>	<0.01	-			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
GFLRCAP	Midscale Ground Flare Cap	VOC	-	18.48	7, 9, 10	7, 9, 10, 21	
		CO	-	50.31			
		NO <sub>x</sub>	-	12.63			
		H <sub>2</sub> S	-	<0.01			
		SO <sub>2</sub>	-	0.01			
MSGFLR1	Midscale Ground Flare 1 (MSS)	VOC	802.56	-	7, 9, 10, 17, 18, 19, 20	7, 9, 10, 18, 19, 21, 22	
		CO	2357.13	-			
		NO <sub>x</sub>	274.91	-			
		SO <sub>2</sub>	<0.01	-			
MSGFLR2	Midscale Ground Flare 2 (MSS)	VOC	802.56	-	7, 9, 10, 17, 18, 19, 20	7, 9, 10, 18, 19, 21, 22	
		CO	2357.13	-			
		NO <sub>x</sub>	274.91	-			
		SO <sub>2</sub>	<0.01	-			
MSGFLR3	Midscale Ground Flare 3 (MSS)	VOC	802.56	-	7, 9, 10, 17, 18, 19, 20	7, 9, 10, 18, 19, 21, 22	
		CO	2357.13	-			
		NO <sub>x</sub>	274.91	-			
		SO <sub>2</sub>	<0.01	-			
FLMSSCAP	Annual Flare Cap (MSS)	VOC	-	9.80	7, 9, 10, 17, 18, 19, 20	7, 9, 10, 18, 19, 21, 22	
		CO	-	187.62			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NOX	-	22.82			
		SO <sub>2</sub>	-	0.66			
MSFWP1	Fire Water Pump	VOC	0.22	0.01	2, 3, 6, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	1.58	0.07			
		NO <sub>x</sub>	1.59	0.07			
		PM	0.09	<0.01			
		PM <sub>10</sub>	0.09	<0.01			
		PM <sub>2.5</sub>	0.09	<0.01			
		SO <sub>2</sub>	<0.01	<0.01			
MSFWP2	Fire Water Pump	VOC	0.22	0.01	2, 3, 6, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	1.58	0.07			
		NO <sub>x</sub>	1.59	0.07			
		PM	0.09	<0.01			
		PM <sub>10</sub>	0.09	<0.01			
		PM <sub>2.5</sub>	0.09	<0.01			
		SO <sub>2</sub>	<0.01	<0.01			
MSGEN1	Train 1 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			
		NO <sub>x</sub>	13.66	0.62			
		PM	0.49	0.02			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN2	Train 2 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			
		NO <sub>x</sub>	13.66	0.62			
		PM	0.49	0.02			
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN3	Train 3 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			
		NO <sub>x</sub>	13.66	0.62			
		PM	0.49	0.02			
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN4	Train 4 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			
		NO <sub>x</sub>	13.66	0.62			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.49	0.02			
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN5	Train 5 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			
		NO <sub>x</sub>	13.66	0.62			
		PM	0.49	0.02			
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN6	Train 6 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			
		NO <sub>x</sub>	13.66	0.62			
		PM	0.49	0.02			
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN7	Train 7 Diesel Generator	VOC	1.86	0.08	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	8.49	0.39			

**Major NSR Summary Table**

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NO <sub>x</sub>	13.66	0.62			
		PM	0.49	0.02			
		PM <sub>10</sub>	0.49	0.02			
		PM <sub>2.5</sub>	0.49	0.02			
		SO <sub>2</sub>	0.02	<0.01			
MSGEN8	LNG Storage Diesel Generator	VOC	0.58	0.03	2, 3, 5, 7, 11	2, 3, 7, 11, 21, 22	2, 3
		CO	4.24	0.19			
		NO <sub>x</sub>	4.27	0.19			
		PM	0.24	0.01			
		PM <sub>10</sub>	0.24	0.01			
		PM <sub>2.5</sub>	0.24	0.01			
		SO <sub>2</sub>	<0.01	<0.01			
MSFUG1	Train 1 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			
MSFUG2	Train 2 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			
MSFUG3	Train 3 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			
MSFUG4	Train 4 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			

### Major NSR Summary Table

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSFUG5	Train 5 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			
MSFUG6	Train 6 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			
MSFUG7	Train 7 Fugitives (5)	VOC	1.72	7.53	16	16, 21, 22	16
		H <sub>2</sub> S	<0.01	<0.01			
MSFUG	Common Equipment Fugitives (5)	VOC	0.44	1.94	16	16, 21, 22	16
MSGENTK1	Train 1 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK2	Train 2 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK3	Train 3 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK4	Train 4 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK5	Train 5 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK6	Train 6 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK7	Train 7 Generator Diesel Tank	VOC	<0.01	<0.01		21	

### Major NSR Summary Table

Permit Numbers: 139479 and PSDTX1496					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSGENTK1	Train 1 Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSGENTK8	LNG Storage Generator Diesel Tank	VOC	<0.01	<0.01		21	
MSFWPTK1	Fire Water Pump Diesel Tank	VOC	<0.01	<0.01		21	
MSFWPTK2	Fire Water Pump Diesel Tank	VOC	<0.01	<0.01		21	
MSAMTNK1	Train 1 Amine Tank	VOC	<0.01	<0.01		21	
MSAMTNK2	Train 2 Amine Tank	VOC	<0.01	<0.01		21	
MSAMTNK3	Train 3 Amine Tank	VOC	<0.01	<0.01		21	
MSAMTNK4	Train 4 Amine Tank	VOC	<0.01	<0.01		21	
MSAMTNK5	Train 5 Amine Tank	VOC	<0.01	<0.01		21	
MSAMTNK6	Train 6 Amine Tank	VOC	<0.01	<0.01		21	
MSAMTNK7	Train 7 Amine Tank	VOC	<0.01	<0.01		21	
MSVACTRK	Truck Loading (MSS)	VOC	<0.01	<0.01	18, 19	18, 19, 21, 22	

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

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

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5, as represented

PM10 - total particulate matter equal to or less than 10 microns in diameter, including PM2.5, as represented

PM2.5 - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

H2S - hydrogen sulfide

MSS - maintenance, startup, and shutdown emissions

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period. Annual emission rates for each source include planned MSS emissions, unless otherwise noted.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSFURN1	Train 1 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			
		CO <sub>2</sub> e	-	27,391			
MSFURN2	Train 2 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			
		CO <sub>2</sub> e	-	27,391			
MSFURN3	Train 3 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			
		CO <sub>2</sub> e	-	27,391			
MSFURN4	Train 4 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO <sub>2</sub> e	-	27,391			
MSFURN5	Train 5 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			
		CO <sub>2</sub> e	-	27,391			
MSFURN6	Train 6 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			
		CO <sub>2</sub> e	-	27,391			
MSFURN7	Train 7 Hot Oil Furnace	CO <sub>2</sub>	-	27,268	23, 24, 29	24, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.29			
		CH <sub>4</sub>	-	1.45			
		CO <sub>2</sub> e	-	27,391			
MSTO1	Train 1 Thermal Oxidizer	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.04			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
MSTO2	Train 2 Thermal Oxidizer	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.04			
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
MSTO3	Train 3 Thermal Oxidizer	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.04			
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
MSTO4	Train 4 Thermal Oxidizer	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.04			
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
MSTO5	Train 5 Thermal	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Oxidizer	N <sub>2</sub> O	-	0.04			
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
MSTO6	Train 6 Thermal Oxidizer	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.04			
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
MSTO7	Train 7 Thermal Oxidizer	CO <sub>2</sub>	-	71,471	25, 29	25, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.04			
		CH <sub>4</sub>	-	6.11			
		CO <sub>2</sub> e	-	71,636			
GFLRCAP	Multi-Point Ground Flare Cap	CO <sub>2</sub>	-	12,252	29	29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.03			
		CH <sub>4</sub>	-	27.18			
		CO <sub>2</sub> e	-	12,938			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
FLMSSCAP	Annual Flare Cap (MSS)	CO <sub>2</sub>	-	83,602	29	29, 30, 31, 32	29
		N <sub>2</sub> O	-	0.08			
		CH <sub>4</sub>	-	91			
		CO <sub>2</sub> e	-	85,913			
MSFWP1	Firewater Pump	CO <sub>2</sub>	-	14.10	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	14.10			
MSFWP2	Firewater Pump	CO <sub>2</sub>	-	14.10	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	14.10			
MSGEN1	Train 1 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO <sub>2</sub> e	-	76.00			
MSGEN2	Train 2 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			
MSGEN3	Train 3 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			
MSGEN4	Train 4 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			
MSGEN5	Train 5 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			
MSGEN6	Train 6 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			
MSGEN7	Train 7 Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			
MSGEN8	LNG Storage Diesel Generator	CO <sub>2</sub>	-	75.30	26, 29	26, 29, 30, 31, 32	29
		N <sub>2</sub> O	-	<0.01			
		CH <sub>4</sub>	-	<0.01			
		CO <sub>2</sub> e	-	76.00			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSFUG1	Train 1 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			
MSFUG2	Train 2 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			
MSFUG3	Train 3 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			
MSFUG4	Train 4 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			
MSFUG5	Train 5 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			

**Major NSR Summary Table**

Permit Number: GHGPSDTX157					Issuance Date: March 29, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
MSFUG6	Train 6 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			
MSFUG7	Train 7 Fugitives (5)	CO <sub>2</sub>	-	4.52	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	14.59			
		CO <sub>2</sub> e	-	369			
MSFUG	Common Equipment Fugitive Emissions (5)	CO <sub>2</sub>	-	0.03	27, 28, 29	27, 29, 30, 31, 32	27, 29
		CH <sub>4</sub>	-	7.79			
		CO <sub>2</sub> e	-	195			
MSBOGMSS	BOG Compressor MSS	CH <sub>4</sub>	-	0.26	29	29, 31	29
		CO <sub>2</sub> e	-	7.00			

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

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

(3) CO<sub>2</sub> - carbon dioxide

N<sub>2</sub>O - nitrous oxide

CH<sub>4</sub> - methane

CO<sub>2</sub>e - carbon dioxide equivalents, based on the following Global Warming Potentials from 40 CFR Part 98, subpart A, Table A-1, as published on November 29, 2013 (78 FR71904): CO<sub>2</sub> (1), CH<sub>4</sub> (25), and N<sub>2</sub>O (298)

- (4) Compliance with annual CO<sub>2</sub>e emission limits (tons per year) is based on a 12-month rolling period. Annual emission limits includes normal and planned maintenance, startup, and shutdown (MSS) emissions. For all non-CO<sub>2</sub>e GHG emissions, listed emission rates are given for informational purposes only and do not constitute an enforceable limit.
- (5) Fugitive emission rates are estimates and are enforceable through compliance with the applicable special conditions and permit application representations.