

Texas Commission on Environmental Quality

Title V Existing

2878

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG REGAS FACILITY AND LIQUEFACTION PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1500 LAMAR ST
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	95.3175
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103196689
What is the name of the Regulated Entity (RE)?	FREEPORT LNG LIQUEFACTION PLANT
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	Corner of Lamar and Cortez Streets
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	-95.3175
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS LNG

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	MOPPERT
Suffix	
Credentials	
Title	CHIEF OPERATING OFFICER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541

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

7134158744

Extension

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

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

E-mail

MMoppert@freeportlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name

MICHAEL STEPHENSON(FREEPORT LNG DE...)

Prefix

FREEPORT LNG DEVELOPMENT LP

First

MR

Middle

MICHAEL

Last

STEPHENSON

Suffix

Credentials

Title

DIRECTOR OF REGULATORY AFFAIRS

Enter new address or copy one from list

Mailing Address

Address Type

Domestic

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

1500 LAMAR ST

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

City

QUINTANA

State

TX

Zip

77541

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

9794158728

Extension

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

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

E-mail

mstephenson@freeportlng.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

MICHAEL STEPHENSON(FREEPORT LNG DE...)

FREEPORT LNG DEVELOPMENT LP

MR

MICHAEL

STEPHENSON

DIRECTOR OF REGULATORY AFFAIRS

Domestic

1500 LAMAR ST

QUINTANA

TX

77541

9794158728

mstephenson@freeporlng.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 55 Min 37 Sec

3) Permit Longitude Coordinate:

95 Deg 19 Min 3 Sec

4) Is this submittal a new application or an update to an existing application?

Update

4.1. Select the permit/project number for which this update should be applied.

2878-36237

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

[File Properties]

File Name

[OP_REQ1_LQF OP-REQ1 \(2025-0130\).pdf](/ePermitsExternal/faces/file?fileId=237793)

Hash

8D685E72B8E9CAFF83B0EC10EFD3F891486C78F5BA9E2DAD37E05538B420778C

MIME-Type

application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

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 Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 2878.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.129.116
Signature Date:	2025-01-30
Signature Hash:	FCF140762B6B213EA47477D19C913CD8C70CE2D9E9F87B597000C43E8CD129C5
Form Hash Code at time of Signature:	DBD0B46CB88EFAD6F184B420D6B861B425C61A298184335FDBD3D9D0631C5CA5

Submission

Reference Number:	The application reference number is 751002
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2025-01-30 at 15:14:25 CST
Submitted From:	The application was submitted from IP address 163.116.129.116
Confirmation Number:	The confirmation number is 624631
Steers Version:	The STEERS version is 6.86
Permit Number:	The permit number is 2878

Additional Information

Application Creator: This account was created by Sophia Gray

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

Date:	01/30/2025
Permit No.:	O2878
RN No.:	RN103196689

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 55464	Issuance Date: 11/19/2024	Authorization No.:	Issuance Date:
Authorization No.: 100114	Issuance Date: 06/29/2020	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:	01/30/2025
Permit No.:	O2878
RN No.:	RN103196689

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
PBR No.: 106.355	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
PBR No.: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
PBR No.: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.473	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
PBR No.: 106.478	Version No./Date: 09/04/2000
PBR No.: 106.492	Version No./Date: 09/04/2000
PBR No.: 106.511	Version No./Date: 09/04/2000

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

Date:	01/30/2025
Permit No.:	O2878
RN No.:	RN103196689

For SOP applications, answer ALL questions unless otherwise directed.

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

PBR No.: 106.532	Version No./Date: 09/04/2000
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

From: [Thong Man](#)
To: [Emily Knodell](#)
Cc: [Michael Stephenson](#); [Scott Brooks](#); [Deborah Walden-Hersh](#)
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction
Date: Thursday, January 30, 2025 3:34:59 PM
Attachments: [image002.png](#)
[image004.jpg](#)
[image005.png](#)

Hi Emily,

We submitted the updated form OP-REQ1 via STEERS. Please let us know if you need anything else.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Wednesday, January 29, 2025 9:16 AM
To: Deborah Walden-Hersh <dwalder@trinityconsultants.com>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeporlng.com>; Scott Brooks <SBrooks@freeporlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning all,

Management review for this project is currently underway. Please resolve the item below by **01/31/2025**.

1. **Form OP-REQ1, Page 88:** NSR 55464 has a more recent issuance date, renewal issued 11/19/2024. Would you like to incorporate this date into the permit? If so, please send an updated OP-REQ1, Page 88 with the new date.

Thank you,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Deborah Walden-Hersh <dwalder@trinityconsultants.com>
Sent: Thursday, January 16, 2025 12:01 PM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeporlng.com>; Scott Brooks <SBrooks@freeporlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

From: Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Sent: Thursday, January 16, 2025 12:01 PM
To: Emily Knodell; Thong Man
Cc: Michael Stephenson; Scott Brooks
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Thank you, Emily!

We really appreciate it.

Thanks,
Deborah

Deborah Walden-Hersh
Principal Consultant

P 512.349.5800 x4426 M 512.608.1070
Email: dwalden@trinityconsultants.com
9737 Great Hills Trail, Suite 340, Austin, Texas 78759

 [Book time to meet with me](#)

From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Thursday, January 16, 2025 11:09 AM
To: Deborah Walden-Hersh <dwalden@trinityconsultants.com>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning all,

I have addressed your WDP comments from 01/13 and have attached a courtesy copy of the WDP. Many of the changes I made are highlighted in **yellow** to help me (and you) keep track of what is changing in the permit, and these highlights will be removed later on.

A summary of changes:

- Adjusted date for when permit amendment application was submitted to TCEQ “08/09/2022” (Draft Pages 61-63).
- Adjusted milestone #2 from 60 days to 90 days as requested. This was approved by my upper management (Draft Pages 61-63).
- Deleted PBRs as requested in Form OP-REQ1 (Draft Page 54) .

I am now working to prepare this project for management review. Since the previous updates were submitted and certified via STEERS, a final OP-CRO1 is not needed unless management has additional comments during their review and additional forms are needed. I will let you know later on if this is the case and will request one.

Please let me know if you have any questions. Thank you!

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Emily Knodell
Sent: Tuesday, January 14, 2025 9:01 AM
To: Deborah Walden-Hersh <dwalden@trinityconsultants.com>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Received, thank you!

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Sent: Monday, January 13, 2025 2:11 PM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>; Thong Man <TMan@FreeportLNG.com>

Texas Commission on Environmental Quality

Title V Existing

2878

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG REGAS FACILITY AND LIQUEFACTION PLANT
Does the site have a physical address?	Yes
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Number and Street	1500 LAMAR ST
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State	TX
ZIP	77541
County	BRAZORIA
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Longitude (W) (-###.#####)	95.3175
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
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What is the name of the Regulated Entity (RE)?	FREEPORT LNG LIQUEFACTION PLANT
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State	TX
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Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS LNG

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	MOPPERT
Suffix	
Credentials	
Title	CHIEF OPERATING OFFICER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	7134158744
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	MMoppert@freeporlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Prefix	FREEPORT LNG DEVELOPMENT LP
First	MR
Middle	MICHAEL
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST

Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
Zip	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeportlng.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeportlng.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 55 Min 37 Sec
3) Permit Longitude Coordinate:	95 Deg 19 Min 3 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	2878-36237
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

Title V Attachments Existing

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

[File Properties]

File Name	OP_REQ1_LQF OP-REQ1 (2025-0113).pdf
Hash	272D31D981320C86C03A3C44F7A0776B241C67F984B796375B4FCB3E92AFCC85
MIME-Type	application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBR SUP (Permits by Rule Supplemental Table)

[File Properties]

File Name	OP_PBR SUP_LQF OP-PBR SUP (2025-0113).pdf
Hash	2A31C182C2DCEA6A447C09C8B82E9F014433F8ACBD16A37C978204BC1E7B2375
MIME-Type	application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	WDP Version 2 - O2878 Freeport LNG Development LP (Renewal 36237) - Freeport Comments (2025-0113).docx
Hash	3166A50B17302192631302609439EB2C1E4EAE5670667C92E3B00072B3480135

MIME-Type

application/vnd.openxmlformats-officedocument.wordprocessingml.document

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 Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 2878.
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: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.253.47
Signature Date:	2025-01-13
Signature Hash:	FCF140762B6B213EA47477D19C913CD8C70CE2D9E9F87B597000C43E8CD129C5
Form Hash Code at time of Signature:	CC04D78BF98683F002221A90B1A52C5B8EDD9F07A20544D5AB4E8B3E11EC9F3F

Submission

Reference Number:	The application reference number is 745112
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2025-01-13 at 13:40:45 CST
Submitted From:	The application was submitted from IP address 163.116.253.47
Confirmation Number:	The confirmation number is 618372
Steers Version:	The STEERS version is 6.85
Permit Number:	The permit number is 2878

Additional Information

Application Creator: This account was created by Deborah Walden-Hersh

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

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date
CUBE-DIES	106.412	09/04/2000
CUBE-GAS	106.412	09/04/2000
JAM-DIES	106.412	09/04/2000
WELDING	106.227	09/04/2000
MSSPBR	106.263	11/01/2001
HANDEQUIP	106.265	09/04/2000
SANDBLAST	106.452	09/04/2000
PIGLAUNCH	106.355	11/01/2001
MSS-COAT	106.433	09/04/2000
CUBE-DIES	106.472	09/04/2000
CUBE-GAS	106.473	09/04/2000
JAM-DIES	106.472	09/04/2000
17V-53A	106.476	09/04/2000
17V-53B	106.476	09/04/2000

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

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date
17V-54A	106.476	09/04/2000
17V-54B	106.476	09/04/2000
18T-3	106.476	09/04/2000
T-1	106.476	09/04/2000
T-2	106.476	09/04/2000
FWP2	106.511	09/04/2000
17U-50	106.532	09/04/2000
17U-61	106.532	09/04/2000
17U-62	106.532	09/04/2000
17U-63	106.532	09/04/2000
18U-50	106.532	09/04/2000
STC-2400	106.532	09/04/2000
STC-T-1	106.532	09/04/2000
STC-T-2	106.532	09/04/2000
STC-T-3	106.532	09/04/2000
STC-T-4	106.532	09/04/2000
TEMP-FLARE	106.492	09/04/2000

Permit By Rule Supplemental Table (Page 4)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

PBR No.	Version No./Date
106.122	09/04/2000

Permit By Rule Supplemental Table (Page 5)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
CUBE-DIES	106.412	09/04/2000	The quantity of diesel fuel dispensed into mobile sources as authorized by this PBR will be recorded monthly and emissions will be calculated annually.
CUBE-GAS	106.412	09/04/2000	The quantity of fuel dispensed into mobile sources as authorized by this PBR will be recorded monthly and emissions will be calculated annually.
JAM-DIES	106.412	09/04/2000	The quantity of diesel fuel dispensed into mobile sources as authorized by this PBR will be recorded monthly and emissions will be calculated annually.
WELDING	106.227	09/04/2000	Annual confirmation of lead content of soldering, brazing, and welding materials.
MSSPBR	106.263	11/01/2001	Monitoring and recordkeeping for each MSS event authorized by this PBR will comply with the applicable requirements of the PBR including the following: Records identifying the following for all maintenance, start-up, or shutdown activities and temporary maintenance facilities: (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
HANDEQUIP	106.265	09/04/2000	Per TCEQ: No registration or recordkeeping is required. See Air PBR 106.265: Hand-held and Manually Operated Machines - Texas Commission on Environmental Quality - www.tceq.texas.gov

Permit By Rule Supplemental Table (Page 6)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
MSS-COAT	106.433	09/04/2000	Annually calculate emissions.
SANDBLAST	106.452	09/04/2000	The enclosed sandblaster will be monitored for visible emissions outside the building when in use.
PIGLAUNCH	106.355	11/01/2001	The gas vented from the pig launcher will be sampled and confirmed to be sweet, natural gas before venting from the pig launcher. Per this PBR, the facility is exempt from the requirement to maintain records of maintenance and purging emissions when venting of sweet, natural gas from pipelines.
17U-50	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
17U-61	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
17U-62	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.

Permit By Rule Supplemental Table (Page 7)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
17U-63	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
18U-50	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-2400	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-T-1	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-T-2	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.

Permit By Rule Supplemental Table (Page 8)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
STC-T-3	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-T-4	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
CUBE-DIES	106.472	09/04/2000	The type of fuel stored in the fuel cube will be recorded annually. Records of the volume of fuel received will be maintained on a monthly basis and emissions will be calculated annually.
CUBE-GAS	106.473	09/04/2000	The type of fuel stored in the fuel cube will be recorded annually. Records of the volume of fuel received will be maintained on a monthly basis and emissions will be calculated annually.
JAM-DIES	106.472	09/04/2000	The type of fuel stored in the fuel cube will be recorded annually. Records of the volume of fuel received will be maintained on a monthly basis and emissions will be calculated annually.
17V-53A	106.476	09/04/2000	Annual confirmation of container pressure.
17V-53B	106.476	09/04/2000	Annual confirmation of container pressure.
17V-54A	106.476	09/04/2000	Annual confirmation of container pressure.
17V-54B	106.476	09/04/2000	Annual confirmation of container pressure.
18T-3	106.476	09/04/2000	Annual confirmation of container pressure.
T-1	106.476	09/04/2000	Annual confirmation of container pressure.
T-2	106.476	09/04/2000	Annual confirmation of container pressure.
FWP2	106.511	09/04/2000	Monthly record of hours of operation.
TEMP-FLARE	106.492	09/04/2000	Pilot flame presence monitored at the instrument's capability or daily, whichever is less.

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

Date:	01/13/2025
Permit No.:	O2878
RN No.:	RN103196689

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
PBR No.: 106.355	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
PBR No.: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
PBR No.: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.473	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
PBR No.: 106.478	Version No./Date: 09/04/2000
PBR No.: 106.492	Version No./Date: 09/04/2000
PBR No.: 106.511	Version No./Date: 09/04/2000

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

Date:	01/13/2025
Permit No.:	O2878
RN No.:	RN103196689

For SOP applications, answer ALL questions unless otherwise directed.

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

PBR No.: 106.532	Version No./Date: 09/04/2000
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

New Source Review Authorization References

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

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits by Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 55464	Issuance Date: 10/29/2014
Authorization No.: 100114	Issuance Date: 06/29/2020
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
LIQFLARE	N/A	NOx	NSR Permit 100114 General Conditions and Special Conditions	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 100114, Special Condition 7.E	Emission estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas	
3. Non-compliance Situation Description				
NOx emissions from the Liquefaction Flare are estimated to be above NSR Permit 100114 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated in permit amendment application submitted to TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated in permit amendment application submitted to TCEQ on 08/09/2022.			
2	Freeport LNG Development LP shall submit a Title V revision application to incorporate the amendment into SOP No. O2878 within 90 days of the issuance of the NSR amendment.			
3	Freeport LNG Development LP will continue to report Title V deviations until the corrective action plan is completed.			
4	Freeport LNG Development LP shall submit a confirmation letter to TCEQ once the corrective action plan is completed.			
6. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted
N/A		N/A		N/A
7. Progress Report Submission Schedule		Progress reports will be submitted semi-annually with deviation reports.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
LIQFLARE	N/A	CO	NSR Permit 100114 General Conditions and Special Conditions	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 100114, Special Condition 7.E	Emission estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas	
3. Non-compliance Situation Description				
CO emissions from the Liquefaction Flare are estimated to be above NSR Permit 100114 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated in permit amendment application submitted to TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated in permit amendment application submitted to TCEQ on 08/09/2022.			
2	Freeport LNG Development LP shall submit a Title V revision application to incorporate the amendment into SOP No. O2878 within 90 days of the issuance of the NSR amendment			
3	Freeport LNG Development LP will continue to report Title V deviations until the corrective action plan is completed.			
4	Freeport LNG Development LP shall submit a confirmation letter to TCEQ once the corrective action plan is completed.			
6. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted
		N/A		N/A
7. Progress Report Submission Schedule		Progress reports will be submitted semi-annually with deviation reports.		

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
LIQFLARE	N/A	VOC	NSR Permit 100114 General Conditions and Special Conditions	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
NSR Permit 100114, Special Condition 7.E	Emission estimates based on continuous monitoring of vent gas composition and flow to the flare.		Regulatory Compliance Office, Quintana, Texas	
3. Non-compliance Situation Description				
VOC emissions from the Liquefaction Flare are estimated to be above NSR Permit 100114 MAERT.				
4. Corrective Action Plan Description				
The emission limits were updated in permit amendment application submitted to TCEQ on 08/09/2022.				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
1	The emission limits were updated in permit amendment application submitted to TCEQ on 08/09/2022.			
2	Freeport LNG Development LP shall submit a Title V revision application to incorporate the amendment into SOP No. O2878 within 90 days of the issuance of the NSR amendment.			
3	Freeport LNG Development LP will continue to report Title V deviations until the corrective action plan is completed.			
4	Freeport LNG Development LP shall submit a confirmation letter to TCEQ once the corrective action plan is completed.			
6. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted
N/A		N/A		N/A
7. Progress Report Submission Schedule		Progress reports will be submitted semi-annually with deviation reports.		

Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Emily,

Our draft permit comments and the requested forms were submitted via STEERS today. Please let us know if you need anything else!

Thanks,
Deborah

Deborah Walden-Hersh
Principal Consultant

P 512.349.5800 x4426 M 512.608.1070
Email: dwalden@trinityconsultants.com
9737 Great Hills Trail, Suite 340, Austin, Texas 78759



[Book time to meet with me](#)

From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Monday, January 6, 2025 10:37 AM
To: Deborah Walden-Hersh <dwalden@trinityconsultants.com>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning Deborah,

My break has been fun, but very busy! I hope you had a great break as well. An additional five days is fine, please resolve by **01/13/2025**.

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Sent: Monday, January 6, 2025 10:20 AM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Emily,

I hope you had a great break! Due to the holidays and travel schedules, we need a few more days to wrap up the review for the draft permit and forms you requested. Can we get an additional 5 days?

Thanks,
Deborah

Deborah Walden-Hersh
Principal Consultant

P 512.349.5800 x4426 M 512.608.1070
Email: dwalden@trinityconsultants.com
9737 Great Hills Trail, Suite 340, Austin, Texas 78759

 [Book time to meet with me](#)

From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Monday, December 16, 2024 2:15 PM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good afternoon all,

I have prepared a WDP "Version 2" for your review and/or approval. Many of the changes I made in the WDP are highlighted in **yellow** to help me (and you) keep track of what is changing in the permit, and these highlights will be removed later on.

Please review the WDP and submit to me any comments you have by **01/06/2024**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

Since this is a follow-up review to the previously submitted and reviewed WDP, only comments concerning changes since the last WDP may be considered by TCEQ. Any comments outside the scope of the most recent changes should be submitted as a separate project.

A summary of changes:

- Added back “**See Alternative Requirement” language to Unit ID ETHCOMP, Index 115H-FLARE (Draft Page 20).
- Added back “**See Alternative Requirement” language to GRP-LIQFLARE, Index 115B-FLR (Draft Page 32).
- Added back “**See Alternative Requirement” language to Unit ID LIQFLARE, Index 115H-LIQFLR. Removed citations 115.722(d), (d)(1), and (d)(2) as requested (Draft Pages 39, 40).
- Added back “**See Alternative Requirement” language to Unit ID LIQFLARE, Index 115B-LIQFLR (Draft Page 40).
- Updated NSR 100114 issuance date to 06/29/2020 (Draft Page 54).
- Removed PBRs in bold strikethrough (Draft Page 54).
- Added NSR 100114 to Unit ID LIQFLAREMSS (Draft Page 58).
- Updated Compliance Schedule and made a few adjustments to wording as well as more milestones according to TCEQ guidance (Draft Pages 61-63).
- Added Alternative Requirement documents as seen in the effective permit (Draft Pages 65-74).

Additionally, please resolve the items below by **01/06/2024** to support the requested update to remove PBRs 106.183, 106.261, 106.262, 106.266, 106.454, and 106.475 as well as the changes made to the Compliance Schedule.

- 1) **Form OP-REQ1, Page 88:** Please update this form to show the removal of the PBRs being deleted. This can be done using strikethrough.
- 2) **Form OP-PBRSUP:** Please update this form and remove any PBRs that are no longer active. Please submit a complete OP-PBRSUP with tables A, B, C, D that have matching dates on each.
- 3) **Compliance Schedule:** Please review compliance schedule in the WDP and let me know if you agree with the updates (Draft Pages 61-63).

Please let me know if you have any questions. Thank you.

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CUBE-GAS 	EU	R5211-GAS	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
EG-1	EU	R7310-ENGINE	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the provisions of this division except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1) and 117.354(a)(5) include new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
EG-1	EU	60IIII-ENGINE	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and a	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4211(b) § 60.4211(b)(1) [G]§ 60.4211(f)	pump engines, with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart.			
EG-1	EU	63ZZZ-ENGINE	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
ETHCOMP	EP	115H-FLARE	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 115.727(f) § 115.725(n) **See Alternative Requirement	All sites that are subject to this division and that are located in the Houston/Galveston/ Brazoria area as defined in §115.10 of this title (relating to Definitions), excluding Harris County,	None **See Alternative Requirement	§ 115.726(i) § 115.726(j)(1) § 115.726(j)(2) **See Alternative Requirement	§ 115.725(n) **See Alternative Requirement

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GRP-LIQFLR	EP	115B-FLR	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(a)(1) § 115.910 **See Alternative Requirement	Alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the Executive Director in accordance with §115.910 of this title if emission reduction are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2) **See Alternative Requirement	None **See Alternative Requirement
GRP-LIQFWP	EU	R7310-ENGINE	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the provisions of this division except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1) and 117.354(a)(5) include new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year,	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						except as noted.			
GRP-PRO	EU	R115C-PRO	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(3) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Liquefied petroleum gas. All loading and unloading of liquefied petroleum gas is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(i) § 115.216(3)(A)(ii) § 115.216(3)(A)(iii) § 115.216(3)(B)	None
LIQFLARE	EU	R1111-LIQFLR	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
LIQFLARE	EP	115H-LIQFLR	HRVOC	30 TAC Chapter 115, HRVOC Vent Gas	§ 117.910 § **See Alternative Requirement	Alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division (relating to Vent Gas Control) may be approved by the executive director in accordance with §115.910 of this title (relating to Availability of Alternate Means of Control) if emission reductions are demonstrated to be substantially equivalent.	§ **See Alternative Requirement	§ **See Alternative Requirement	§ **See Alternative Requirement
LIQFLARE	EP	115H-	Highly	30 TAC Chapter	[G]§ 115.725(d)(1)	All flares must	[G]§ 115.725(d)(1)	§ 115.726(a)(1)	§ 115.725(n)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		LIQFLR	Reactive VOC	115, HRVOC Vent Gas	§ 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) [G]§ 115.725(l) § 115.725(n) [G]§ 115.726(a)(2) **See Alternative Requirement	continuously meet the requirements of 40 CFR § 60.18(c)(2)-(6) and (d) as amended through October 17, 2000 (65 FR 61744) when vent gas containing HRVOC is being routed to the flare.	§ 115.725(d)(2) § 115.725(d)(2)(A)(i) [G]§ 115.725(d)(2)(A)(ii) § 115.725(d)(2)(A)(iii) § 115.725(d)(2)(A)(iv) § 115.725(d)(2)(B) § 115.725(d)(2)(B)(i) § 115.725(d)(2)(B)(ii) § 115.725(d)(2)(B)(iii) § 115.725(d)(2)(B)(iv) § 115.725(d)(3) § 115.725(d)(4) § 115.725(d)(5) § 115.725(d)(6) § 115.725(d)(7) § 115.725(k)(1) § 115.725(m) **See Alternative Requirement	§ 115.726(a)(1)(A) § 115.726(d)(1) § 115.726(d)(10) § 115.726(d)(2) § 115.726(d)(3) § 115.726(d)(4) § 115.726(i) § 115.726(j)(1) § 115.726(j)(2) **See Alternative Requirement	§ 115.726(a)(1)(B) [G]§ 115.726(a)(2) **See Alternative Requirement
LIQFLARE	EP	115B-LIQFLR	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.123(a)(1) § 115.910 **See Alternative Requirement	Alternate methods of demonstrating and documenting continuous compliance with the applicable control requirements or exemption criteria in this division may be approved by the Executive Director in accordance with §115.910 of this title if emission reduction are demonstrated to be substantially equivalent.	[G]§ 115.125 § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(2) **See Alternative Requirement	None **See Alternative Requirement

New Source Review Authorization References

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

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits by Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 55464	Issuance Date: 10/29/2014
Authorization No.: 100114	Issuance Date: 06/29/2020
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.355	Version No./Date: 11/01/2001
Number: 106.359	Version No./Date: 09/10/2013
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
LEGT-6	EMERGENCY GENERATOR TANK 6 UNLOADING	100114
LEGT-7	EMERGENCY GENERATOR TANK 7 - TRAIN 4 UNLOADING	100114
LFWPT-1	DIESEL FIREWATER TANK 1 UNLOADING	100114
LFWPT-2	DIESEL FIREWATER TANK 2 UNLOADING	100114
LFWPT-3	DIESEL FIREWATER TANK 3 UNLOADING	100114
LIQEAC-1	EMERGENCY AIR COMPRESSOR	100114
LIQEAC-2	TRAIN 4 - EMERGENCY AIR COMPRESSOR	100114
LIQEG-1	EMERGENCY GENERATOR 1	100114
LIQEG-2	EMERGENCY GENERATOR 2	100114
LIQEG-3	EMERGENCY GENERATOR 3	100114
LIQEG-4	EMERGENCY GENERATOR 4	100114
LIQEG-5	EMERGENCY GENERATOR - GUARD HOUSE/ADMIN AREA	100114
LIQEG-6	EMERGENCY GENERATOR - DOCK 2	100114
LIQEG-7	TRAIN 4 - EMERGENCY GENERATOR 4	100114
LIQFLARE	LIQUEFACTION FLARE	100114
LIQFLAREMSS	MAINTENANCE, STARTUP, SHUTDOWN (MSS) VENTING TO FL	100114
LIQFLR-MCH	FINAL COOLING MCH	100114
LIQFLR-PRO	DEPRESSURIZE MR COMPRESSOR PROPANE	100114
LIQFLR-PSV	PSV VENTS AND PUMP SEALS TO FLARE	100114
LIQFLR-TUR	TURNDOWN LNG PRODUCTION	100114
LIQFWP-1	FIRE WATER PUMP 1	100114

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
3. Non-compliance Situation Description				
4. Corrective Action Plan Description				
5. List of Activities/Milestones to Implement the Corrective Action Plan				
6. Previously Submitted Compliance Plan(s)	Type of Action			Date Submitted
7. Progress Report Submission Schedule				

From: Thong Man <TMan@FreeportLNG.com>
Sent: Thursday, October 24, 2024 10:00 AM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning Emily,

Hope you are doing well. We reviewed the Working Draft Permit (WDP) and would like to provide some comments. Please feel free to let us know if you have any questions.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Friday, September 27, 2024 12:51 PM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: [EXTERNAL]: Working Draft Permit -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good afternoon all,

I have conducted a technical review of *renewal* application for *Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction*. 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 by **October 25, 2024**.

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

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

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

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Thong Man <TMan@FreeportLNG.com>
Sent: Tuesday, September 24, 2024 11:04 AM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Hi Emily,

We reviewed and approved the proposal for case-by-case PM for GRP-HEATER for the CO limit.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Monday, September 23, 2024 2:45 PM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good afternoon all,

Please resolve the item below by **09/30/2024**.

- 1.) **Case-by-Case PM:** Please review the proposed case-by-case PM for GRP-HEATER for the CO limit in 30 TAC Chapter 117. Our team's PM/CAM specialist John Walker has reviewed it and provided comments in the attached document. Please review and approve the proposal or provide any comments.

Let me know if you have any questions.

Best Regards,

Texas Commission on Environmental Quality

Title V Existing

2878

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG REGAS FACILITY AND LIQUEFACTION PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1500 LAMAR ST
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	95.3175
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103196689
What is the name of the Regulated Entity (RE)?	FREEPORT LNG LIQUEFACTION PLANT
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	Corner of Lamar and Cortez Streets
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	-95.3175
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS LNG

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	MOPPERT
Suffix	
Credentials	
Title	CHIEF OPERATING OFFICER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	7134158744
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	MMoppert@freeporlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Prefix	FREEPORT LNG DEVELOPMENT LP
First	MR
Middle	MICHAEL
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST

Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
Zip	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeporlng.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

MICHAEL STEPHENSON(FREEPORT LNG DE...)

FREEPORT LNG DEVELOPMENT LP

MR

MICHAEL

STEPHENSON

DIRECTOR OF REGULATORY AFFAIRS

Domestic

1500 LAMAR ST

QUINTANA

TX

77541

9794158728

mstephenson@freeporlng.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 55 Min 37 Sec
3) Permit Longitude Coordinate:	95 Deg 19 Min 3 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	2878-36237
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	Final LQF Regas TV Review Response (2024-0827).pdf
Hash	559E30CF1609E2D1D5D681C0F495170F2DB352B38F0AC85606EB8AA3FE27D9B3
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 Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that

this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 2878.
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: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.253.74
Signature Date:	2024-08-27
Signature Hash:	FCF140762B6B213EA47477D19C913CD8C70CE2D9E9F87B597000C43E8CD129C5
Form Hash Code at time of Signature:	5EF8A1EEEEAF0E79123CB10E1DB2BF409E7ED09E952A28D81E4D5FD9860F0715B

Submission

Reference Number:	The application reference number is 677903
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2024-08-27 at 16:08:50 CDT
Submitted From:	The application was submitted from IP address 163.116.253.74
Confirmation Number:	The confirmation number is 560069
Steers Version:	The STEERS version is 6.81
Permit Number:	The permit number is 2878

Additional Information

Application Creator: This account was created by Jeremy Harrison



August 27, 2024

Emily Knodell
Texas Commission on Environmental Quality
Air Permits Division, MC 163
P.O. Box 13087
Austin, TX 78711
Emily.Knodell@tceq.texas.gov

RE: Freeport LNG – Title V Permit No. O2878 Technical Review Response

Dear Ms. Knodell:

Freeport LNG Development, L.P. (Freeport LNG) owns and operates a natural gas liquefaction plant (Liquefaction Plant) and a Liquefied Natural Gas (LNG) import terminal (Regasification Terminal), which are collectively referred to as the Freeport LNG Regas Facility and Liquefaction Plant, located on Quintana Island near Freeport, Texas. Freeport LNG has been assigned Texas Commission on Environmental Quality (TCEQ) Customer Number (CN) 601720345. The Freeport LNG Regas Facility and Liquefaction Plant has been assigned TCEQ Air Quality Account No. BL-A014-N, Regulated Entity Number (RN) 103196689, and is authorized under Title V Permit No. O2878.

On January 22, 2024, Freeport LNG submitted a renewal application to the existing Site Operating Permit (SOP) No. O2878. On August 21, 2024, a technical review comment on the application was received from TCEQ. A response to the review comment is included below.

TECHNICAL REVIEW RESPONSE

Below is Freeport LNG's response to the technical review comments received on August 21, 2024. The italicized text represents the comment from the technical review, while Freeport LNG's responses are in non-italicized bold.

- 1. Form OP-MON: Additional periodic monitoring is required to be documented in the permit for Unit ID GRP-HEATER, SOP Index No. R7310-HEATERCEM for Main Standard §117.310(c)(1) for pollutant CO. Please submit Form OP-MON with the following periodic monitoring option (PM-C-001) or case-by-case periodic monitoring.*

Freeport LNG has documented the case-by-case periodic monitoring for the requested unit in form OP-MON; please refer to Attachment 1. The case-by-case monitoring is based upon the monitoring set forth for CO concentrations in New Source Review Permit No. 55464 Special Condition 13.B. It is important to note that the units in GRP-HEATER operate intermittently and may not operate for extended periods exceeding a year.

Additionally, Freeport LNG has updated form OP-2 to reflect the revision number associated with the requested unit; see Attachment 2 for details.

CONTENTS

The following forms are included in this letter.

- ▶ Attachment 1: TCEQ Form OP-MON
- ▶ Attachment 2: TCEQ Form OP-2

If you have any questions regarding this application update letter, please contact Thong Man, Freeport LNG, at (979) 230-4820 or via email at TMan@freeportlng.com. Alternatively, please contact Deborah Walden-Hersh, Trinity Consultants, at (512) 349-5800, or by email at dwalden@trinityconsultants.com.

Sincerely,

Freeport LNG



Mike Stephenson
Director, Regulatory Affairs

Attachments

cc: EPA Region 6
Mr. Joseph Doby, TCEQ Region 12 – Houston
Mr. Thong Man, Freeport LNG
Ms. Deborah Walden-Hersh, Trinity Consultants

Attachment 1

TCEQ Form OP-MON

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

I. Identifying Information		
Account No.: BL-A014-N	RN No.: RN103196689	CN: CN601720345
Permit No: O2878	Project No.: 36237	
Area Name: Freeport LNG Regas Facility and Liquefaction Plant		
Company Name: Freeport LNG Development, L.P.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 14		
Unit/EPN/Group/Process ID No.: GRP-HEATER		
Applicable Form: OP-UA5		
III. Applicable Regulatory Requirement		
Name: Chapter 117		
SOP/GOP Index No.: R7310-HEATERCEM		
Pollutant: CO		
Main Standard: §117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Maximum CO Concentration - 400 ppmv at 3.0% O ₂ , dry basis.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: CO Concentration	Minimum Frequency: Within one year of operation	
Averaging Period: 1-hour		
Periodic Monitoring Text: Sample CO emissions using the test methods and procedures of 40 CFR Part 60.		

Attachment 2

TCEQ Form OP-2

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

Date: 08/27/2024	
Permit No.: O2878	
Regulated Entity No.: RN103196689	
Company Name: Freeport LNG Development, L.P.	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

VOC NO_x SO₂ PM₁₀ CO Pb HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? YES NO N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

Date: 08/27/2024
Permit No.: O2878
Regulated Entity No.: RN103196689
Company Name: Freeport LNG Development, L.P.

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	CS-CLEANER	OP-UA16	106.454/11/01/2001	Removal of CS-CLEANER from Permit No. O2878
2	MS-C	YES	STC-T-1	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-1 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield.
3	MS-C	YES	STC-T-2	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-2 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield
4	MS-C	YES	STC-T-3	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-3 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield.

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
5	MS-C	YES	STC-T-4	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-4 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield
6	MS-C	YES	LIQFLAREMSS	OP-UA15	100114	Addition of Unit ID No. LIQFLAREMSS to existing Group ID No. GRP-LIQFLR with no change to or addition of applicable requirements or Permit Shield.
7	SIG-E	YES	T-1	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. T-1 in OP-REQ2 to show negative applicability to NSPS Kb.
8	SIG-E	YES	T-2	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. T-2 in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
9	SIG-E	YES	18T-3	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 18T-3 in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
10	SIG-E	YES	17V-54A	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-54A in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
11	SIG-E	YES	17V-54B	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-54B in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
12	SIG-E	YES	17V-53A	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-53A in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
13	SIG-E	YES	17V-53B	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-53B in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
14	MS-C	NO	GRP-HEATER	OP-UA5	55464	Adding case-by-case Periodic Monitoring determination.

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

Date: 08/27/2024	
Permit No.: O2878	
Regulated Entity No.: RN103196689	
Company Name: Freeport LNG Development, L.P.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Emily Knodell
Sent: Tuesday, September 3, 2024 9:17 AM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Received, thank you!

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Thong Man <TMan@FreeportLNG.com>
Sent: Tuesday, August 27, 2024 4:30 PM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Hi Emily,

We already submitted the response and updated documents via STEERS. Please feel free to let us know if you have any questions.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Wednesday, August 21, 2024 7:17 AM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>;
Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning Thong,

During technical review, the following issue was found. Please resolve the following by **08/27/2024**.

- 1.) **Form OP-MON:** Additional periodic monitoring is required to be documented in the permit for Unit ID GRP-HEATER, SOP Index No. R7310-HEATERCEM for Main Standard §117.310(c)(1) for pollutant CO. Please submit Form OP-MON with the following periodic monitoring option (PM-C-001) or case-by-case periodic monitoring.

Let me know if you have any questions. Thank you!

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Emily Knodell
Sent: Wednesday, August 14, 2024 2:25 PM

Texas Commission on Environmental Quality

Title V Existing

2878

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG REGAS FACILITY AND LIQUEFACTION PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1500 LAMAR ST
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	95.3175
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103196689
What is the name of the Regulated Entity (RE)?	FREEPORT LNG LIQUEFACTION PLANT
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	Corner of Lamar and Cortez Streets
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	-95.3175
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS LNG

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	MOPPERT
Suffix	
Credentials	
Title	CHIEF OPERATING OFFICER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	7134158744
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	MMoppert@freeporlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Prefix	FREEPORT LNG DEVELOPMENT LP
First	MR
Middle	MICHAEL
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST

Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
Zip	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeportlng.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	MICHAEL STEPHENSON(FREEPORT LNG DE...)
Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MICHAEL
Middle	
Last	STEPHENSON
Suffix	
Credentials	
Title	DIRECTOR OF REGULATORY AFFAIRS
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1500 LAMAR ST
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
ZIP	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeportlng.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 55 Min 37 Sec
3) Permit Longitude Coordinate:	95 Deg 19 Min 3 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	2878-36237
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

Final LQF Regas TV Renewal Response (2024-0813).pdf

Hash

44C6277332540BD4AEE1581A3AE44D4D7A2196F80311D61F998C2B30141E2CF8

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 Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that

this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 2878.
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: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.253.43
Signature Date:	2024-08-13
Signature Hash:	FCF140762B6B213EA47477D19C913CD8C70CE2D9E9F87B597000C43E8CD129C5
Form Hash Code at time of Signature:	FC53CAD935BBB4D699D43730C07124E4092244496725ED287A358DE8632D6211

Submission

Reference Number:	The application reference number is 673791
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2024-08-13 at 11:13:09 CDT
Submitted From:	The application was submitted from IP address 163.116.253.43
Confirmation Number:	The confirmation number is 556833
Steers Version:	The STEERS version is 6.80
Permit Number:	The permit number is 2878

Additional Information

Application Creator: This account was created by Jeremy Harrison



August 13, 2024

Emily Knodell
Texas Commission on Environmental Quality
Air Permits Division, MC 163
P.O. Box 13087
Austin, TX 78711
Emily.Knodell@tceq.texas.gov

RE: Freeport LNG – Title V Permit No. O2878 Renewal Application Update and Notice of Deficiency Response

Dear Ms. Knodell:

Freeport LNG Development, L.P. (Freeport LNG) owns and operates a natural gas liquefaction plant (Liquefaction Plant) and a Liquefied Natural Gas (LNG) import terminal (Regasification Terminal), which are collectively referred to as the Freeport LNG Regas Facility and Liquefaction Plant, located on Quintana Island near Freeport, Texas. Freeport LNG has been assigned Texas Commission on Environmental Quality (TCEQ) Customer Number (CN) 601720345. The Freeport LNG Regas Facility and Liquefaction Plant has been assigned TCEQ Air Quality Account No. BL-A014-N, Regulated Entity Number (RN) 103196689, and is authorized under Title V Permit No. O2878.

On January 22, 2024, Freeport LNG submitted a renewal application to the existing Site Operating Permit (SOP) No. O2878. On July 24, 2024, technical review comments on the application were received from TCEQ. The responses to the review comments are included below. Freeport LNG is also submitting this application update to update the renewal application for the inclusion of new units to the permit shield.

PERMIT SHIELD

Freeport LNG is proposing to add a New Source Performance Standard (NSPS) Subpart Kb permit shield to the Title V permit for the following storage tanks:

- ▶ LNG Storage Tanks (Group ID No. GRP-LNGTK)
 - Unit ID No. T-1
 - Unit ID No. T-2
 - Unit ID No. 18T-3

- ▶ Ethylene and Propane Tanks (Group ID No. GRP-EPTK)
 - Unit ID No. 17V-54A
 - Unit ID No. 17V-54B
 - Unit ID No. 17V-53A
 - Unit ID No. 17V-53B

TECHNICAL REVIEW RESPONSE

Below are Freeport LNG's responses to the technical review comments received on July 24, 2024. The italicized text represents the comments from the technical review, while Freeport LNG's responses are in non-italicized bold.

1. *Form OP-UA02: This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA02, ensuring it is the most recent version of the form. It should say "Revised 11/22" in the bottom left hand corner of the pages.*

- *Units affected (all for Regulation 40 CFR Part 60, Subpart IIII).*
 - *GRP-LIQEAC, Index 60IIII-LIQEAC.*
 - *GRP-LIQLEG, Index 60IIII-LIQLEG.*
 - *GRP-ENGINE, Index 60IIII-ENGINE.*
 - *Unit ID Z-10, Index 60IIII-ENGINE.*
 - *Unit ID Z-210, Index 60IIII-Z210.*

Freeport LNG has revised the applicable tables in the form for the units requested, please see Attachment 1.

2. *Form OP-UA04: This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA04, ensuring it is the most recent version of the form. It should say "Revised 07/23" in the bottom left hand corner of the pages.*

- *Units affected (for Regulation 30 TAC Ch 115, Loading & Unloading of VOC)*
 - *GRP-MARINE, Index R5211-MARINE.*

Freeport LNG has revised the applicable tables in the form for the units requested, please see Attachment 2.

3. *Form OP-UA06: This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA06, ensuring it is the most recent version of the form. It should say "Revised 09/23" in the bottom left hand corner of the pages.*

- *Units affected (for Regulation 40 CFR Part 60, Subpart D):*
 - *GRP-HEATER, Index 60D-HEATER.*

Freeport LNG has revised the applicable tables in the form for the units requested, please see Attachment 3.

4. *Form OP-UA07: This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA07, ensuring it is the most recent version of the form. It should say "Revised 11/21" in the bottom left hand corner of the pages.*

- *Units affected (for Regulation 30 TAC Ch 115, HRVOC Vent Gas):*
 - *Unit ID LIQFLARE, Index 115H-LIQFLR.*

Freeport LNG has revised the applicable tables in the form for the units requested, please see Attachment 4.

Ms. Emily Knodell - Page 3
August 13, 2024

5. *Form OP-SUMR: For revision #6, Unit ID LIQFLAREMSS appears to have a PBR registration number listed as the Preconstruction Authorization. In order for us to add it to the permit correctly, it needs to be added in the format 106.XXX/MM/DD/YYYY[100114]. Please see link to OP-SUMR instructions for additional guidance, it will be the bottom of page 2 through the top of page 3.*

The listed Preconstruction Authorization, 100114, is a New Source Review (NSR) Permit registration and not a PBR registration. Please let us know if this clears the question.

CONTENTS

Attachments 1 through 4, respectively contain the forms included in the response to the technical review comments:

- ▶ TCEQ Form OP-UA2
- ▶ TCEQ Form OP-UA4
- ▶ TCEQ Form OP-UA6
- ▶ TCEQ Form OP-UA7

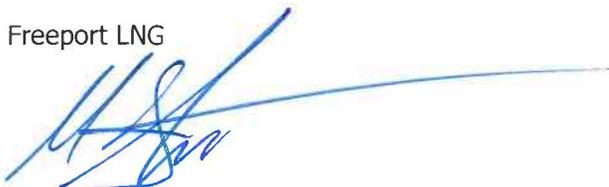
Attachments 5 through 7, respectively contain the forms included in the permit shield request:

- ▶ TCEQ Form OP-2
- ▶ TCEQ Form OP-SUMR
- ▶ TCEQ Form OP-REQ2

If you have any questions regarding this application update letter, please contact Thong Man, Freeport LNG, at (979) 230-4820 or via email at TMan@freeportlng.com. Alternatively, please contact Deborah Walden-Hersh, Trinity Consultants, at (512) 349-5800, or by email at dwalden@trinityconsultants.com.

Sincerely,

Freeport LNG



Mike Stephenson
Director, Regulatory Affairs

Attachments

cc: EPA Region 6
Mr. Joseph Doby, TCEQ Region 12 – Houston
Mr. Thong Man, Freeport LNG
Ms. Deborah Walden-Hersh, Trinity Consultants

Attachment 1

TCEQ Form OP-UA2

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

Date	Permit No.	Regulated Entity No.
08/13/2024	O2878	RN103196689

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-LIQEAC	60III-LIQEAC	2005+	NONE	EMERG	CON	0406+
GRP-LIQLEG	60III-LIQLEG	2005+	NONE	EMERG	CON	0406+
GRP-ENGINE	60III-ENGINE	2005+	NONE	EMERG	CON	0406+
Z-10	60III-ENGINE	2005+	NONE	EMERG	CON	0406+
Z-210	60III-Z210	2005+	NONE	EMERG	CON	0406+

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

Federal Operating Permit Program

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

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

Date	Permit No.	Regulated Entity No.
08/13/2024	O2878	RN103196689

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-LIQEAC	60IIII-LIQEAC	DIESEL		10-CS		2017+	
GRP-LIQLEG	60IIII-LIQLEG	DIESEL		10-CS		2017+	
GRP-ENGINE	60IIII-ENGINE	DIESEL		10-		2007-	
Z-10	60IIII-ENGINE	DIESEL		10-		2007-	
Z-210	60IIII-Z210	DIESEL		10-		2017+	

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

Date	Permit No.	Regulated Entity No.
08/13/2024	O2878	RN103196689

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-LIQEAC	60III-LIQEAC	E368-560		NO	NO	MANU YES		
GRP-LIQLEG	60III-LIQLEG	E560-2237		NO	NO	MANU YES		
GRP-ENGINE	60III-ENGINE	130-2237		NO	NO	PURCH		
Z-10	60III-ENGINE	130-2237		NO	NO	PURCH		
Z-210	60III-Z210	E130-368		NO	NO	MANU YES		

Attachment 2

TCEQ Form OP-UA4

Attachment 3

TCEQ Form OP-UA6

Attachment 4

TCEQ Form OP-UA7

Attachment 5
TCEQ Form OP-2

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

Date: 08/13/2024	
Permit No.: O2878	
Regulated Entity No.: RN103196689	
Company Name: Freeport LNG Development, L.P.	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)						
Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>						
<input type="checkbox"/> VOC	<input type="checkbox"/> NO _x	<input type="checkbox"/> SO ₂	<input type="checkbox"/> PM ₁₀	<input type="checkbox"/> CO	<input type="checkbox"/> Pb	<input type="checkbox"/> HAP
Other:						
IV. Reference Only Requirements (For reference only)						
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
V. Delinquent Fees and Penalties						
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

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

Date: 08/13/2024
Permit No.: O2878
Regulated Entity No.: RN103196689
Company Name: Freeport LNG Development, L.P.

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	CS-CLEANER	OP-UA16	106.454/11/01/2001	Removal of CS-CLEANER from Permit No. O2878
2	MS-C	YES	STC-T-1	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-1 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield.
3	MS-C	YES	STC-T-2	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-2 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield
4	MS-C	YES	STC-T-3	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-3 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield.

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
5	MS-C	YES	STC-T-4	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-4 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield
6	MS-C	YES	LIQFLAREMSS	OP-UA15	100114	Addition of Unit ID No. LIQFLAREMSS to existing Group ID No. GRP-LIQFLR with no change to or addition of applicable requirements or Permit Shield.
7	SIG-E	YES	T-1	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. T-1 in OP-REQ2 to show negative applicability to NSPS Kb.
8	SIG-E	YES	T-2	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. T-2 in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
9	SIG-E	YES	18T-3	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 18T-3 in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
10	SIG-E	YES	17V-54A	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-54A in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
11	SIG-E	YES	17V-54B	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-54B in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
12	SIG-E	YES	17V-53A	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-53A in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.
13	SIG-E	YES	17V-53B	OP-REQ2	106.476/09/04/2000	Adding permit shield to Unit ID No. 17V-53B in OP-REQ2 per current form instructions to show negative applicability to NSPS Kb.

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

Date: 08/13/2024	
Permit No.: O2878	
Regulated Entity No.: RN103196689	
Company Name: Freeport LNG Development, L.P.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

Attachment 6

TCEQ Form OP-SUMR

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

[Table 1](#)

Date		Permit No.			Regulated Entity No.		
08/13/2024		O2878			RN103196689		
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	CS-CLEANER	OP-UA16	Cold Solvent Cleaner		106.454/11/01/2001	
A	2	STC-T-1	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	3	STC-T-2	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	4	STC-T-3	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	5	STC-T-4	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	6	LIQFLAREMSS	OP-UA15	Maintenance, Startup, and Shutdown (MSS) Venting to Flare		100114	
A	7	T-1	OP-REQ2	LNG Storage Tank 1		106.476/09/04/2000	
A	8	T-2	OP-REQ2	LNG Storage Tank 2		106.476/09/04/2000	
A	9	18T-3	OP-REQ2	LNG Storage Tank 3		106.476/09/04/2000	
A	10	17V-54A	OP-REQ2	Ethylene Tank A		106.476/09/04/2000	
A	11	17V-54B	OP-REQ2	Ethylene Tank B		106.476/09/04/2000	
A	12	17V-53A	OP-REQ2	Propane Tank A		106.476/09/04/2000	
A	13	17V-53B	OP-REQ2	Propane Tank B		106.476/09/04/2000	

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

[Table 2](#)

Date	Permit No.	Regulated Entity No.
08/13/2024	O2878	RN103196689

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
2	STC-T-1	OP-UA14	A	GRP-STRMCEP
3	STC-T-2	OP-UA14	A	GRP-STRMCEP
4	STC-T-3	OP-UA14	A	GRP-STRMCEP
5	STC-T-4	OP-UA14	A	GRP-STRMCEP
6	LIQFLAREMSS	OP-UA4	A	GRP-LIQFLR
7	T-1	OP-REQ2	A	GRP-LNGTK
8	T-2	OP-REQ2	A	GRP-LNGTK
9	18T-3	OP-REQ2	A	GRP-LNGTK
10	17V-54A	OP-REQ2	A	GRP-EPTK
11	17V-54B	OP-REQ2	A	GRP-EPTK
12	17V-53A	OP-REQ2	A	GRP-EPTK
13	17V-53B	OP-REQ2	A	GRP-EPTK

Attachment 7

TCEQ Form OP-REQ2

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

Date	Permit No.	Regulated Entity No.
08/13/2024	O2878	RN103196689

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	7, 8, 9	GRP-LNGTK	OP-REQ2	NSPS Kb	§60.110b(b)	The maximum true vapor pressure of the stored volatile organic liquid (VOL) is less than 3.5 kPa.
A	10, 11, 12, 13	GRP-EPTK	OP-REQ2	NSPS Kb	§60.110b(a)	The storage tank has a storage capacity of less than 75 cubic meters (19,813 gallons).

To: Thong Man <TMan@FreeportLNG.com>

Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>

Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good afternoon Thong,

Thank you for letting me know, I did receive your responses via STEERS and will get the updated information entered.

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Thong Man <TMan@FreeportLNG.com>

Sent: Tuesday, August 13, 2024 3:43 PM

To: Emily Knodell <Emily.Knodell@tceq.texas.gov>

Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>

Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Hi Emily,

Hope you are doing well. We already submitted the responses and updated documents via STEERS today. Please let us know if you have any questions.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Tuesday, August 6, 2024 7:51 AM
To: Deborah Walden-Hersh <dwalden@trinityconsultants.com>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning Deborah,

Yes, I approve this extension. Please instead resolve the items below by **08/13/2024**.

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Sent: Monday, August 5, 2024 6:04 PM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>; Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Emily,

We are finishing up the completion of all of the items you requested below. Could we have a week's extension to make sure we can review and check everything before sending you the completed forms?

Thanks,
Deborah

Deborah Walden-Hersh
Principal Consultant

P 512.349.5800 x4426 M 512.608.1070
Email: dwalden@trinityconsultants.com
9737 Great Hills Trail, Suite 340, Austin, Texas 78759

 [Book time to meet with me](#)

From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Wednesday, July 24, 2024 1:38 PM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good afternoon Thong,

Thank you for letting me know about the technical contact information.

During my technical review, I found the following items below. Please resolve by **08/06/2024:**

- 1.) **Form OP-UA02:** This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA02, ensuring it is the most recent version of the form. It should say "Revised 11/22" in the bottom left hand corner of the pages.
 - Units affected (all for Regulation 40 CFR Part 60, Subpart IIII).
 - GRP-LIQEAC, Index 60IIII-LIQEAC.
 - GRP-LIQLEG, Index 60IIII-LIQLEG.
 - GRP-ENGINE, Index 60IIII-ENGINE.
 - Unit ID Z-10, Index 60IIII-ENGINE.
 - Unit ID Z-210, Index 60IIII-Z210.

- 2.) **Form OP-UA04:** This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA04, ensuring it is the most recent version of the form. It should say "Revised 07/23" in the bottom left hand corner of the pages.
 - Units affected (for Regulation 30 TAC Ch 115, Loading & Unloading of VOC)
 - GRP-MARINE, Index R5211-MARINE.

- 3.) **Form OP-UA06:** This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA06, ensuring it is the most recent version of the form. It should say "Revised 09/23" in the bottom left hand corner of the pages.

- Units affected (for Regulation 40 CFR Part 60, Subpart D):
 - GRP-HEATER, Index 60D-HEATER.
- 4.) **Form OP-UA07:** This form has been updated since the last renewal and may require new answers. Please send an updated Form OP-UA07, ensuring it is the most recent version of the form. It should say “Revised 11/21” in the bottom left hand corner of the pages.
- Units affected (for Regulation 30 TAC Ch 115, HRVOC Vent Gas):
 - Unit ID LIQFLARE, Index 115H-LIQFLR.
- 5.) **Form OP-SUMR:** For revision #6, Unit ID LIQFLAREMSS appears to have a PBR registration number listed as the Preconstruction Authorization. In order for us to add it to the permit correctly, it needs to be added in the format [106.XXX/MM/DD/YYYY\[100114\]](#). Please see link to OP-SUMR instructions for additional guidance, it will be the bottom of page 2 through the top of page 3.

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

Date		Permit No.		Regulated Entity No.			
01/22/2024		O2878		RN103196689			

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Precons Authorizat
D	1	CS-CLEANER	OP-UA16	Cold Solvent Cleaner		106.454/11/01/2001	
A	2	STC-T-1	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	3	STC-T-2	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	4	STC-T-3	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	5	STC-T-4	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	6	LIQFLAREMSS	OP-UA15	Maintenance, Startup, and Shutdown (MSS) Venting to Flare		100114	

Please let me know if you have any questions. Thank you!

Best Regards,

Emily L. Knodell
 Permit Reviewer
 TCEQ – APD – OP Section (Title V)

(512) 239-3107



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

From: Thong Man <TMan@FreeportLNG.com>
Sent: Wednesday, June 26, 2024 12:49 PM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Thank you Emily for the project status update! Michael Stephenson (Director of Regulatory Affairs) is currently listed as the technical contact for the renewal project (OP-1 page 3) and for public notice (OP-1 page 5), let's keep as it is in the application. You can also contact me for any questions about the Title V renewal project and application.

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Sent: Wednesday, June 26, 2024 11:13 AM
To: Thong Man <TMan@FreeportLNG.com>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Good morning Thong,

Thank you for letting me know that you will be the primary technical contact. Please resolve the item below by **07/03/2024** to support this update.

- 1.) **Form OP-1:** Please send an updated OP-1 (Page 3) to update “Technical Contact Identifying Information” as well as Page 5 “Public Notice” contact information.

This project is currently in the technical review stage. Please let me know if you have any questions!

Best Regards,

Emily L. Knodell
Permit Reviewer
TCEQ – APD – OP Section (Title V)
(512) 239-3107



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

From: Thong Man <TMan@FreeportLNG.com>
Sent: Wednesday, June 19, 2024 4:34 PM
To: Emily Knodell <Emily.Knodell@tceq.texas.gov>
Cc: Michael Stephenson <MStephenson@freeportlng.com>; Scott Brooks <SBrooks@freeportlng.com>; Deborah Walden-Hersh <dwalden@trinityconsultants.com>
Subject: RE: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

Hi Emily,

Hope you are doing well. We would like to notify you that I will be the primary technical contact for the renewal of Title V Permit No. O2878, Project No. 36237. We already notified Johnny Bowers from APIRT to update the technical contact information. Also, can you please let us know the current status of the renewal project. Please feel free to let us know if you have any questions.

Thank you,

Thong Man P.E.
Regulatory Compliance Engineer
LQF – 1500 Lamar Street, Quintana, Texas 77541
Office: 979-230-4820
Cell: 469-450-9073



From: Emily Knodell <Emily.Knodell@tceq.texas.gov>

Date: April 19, 2024 at 7:38:37 AM CDT

Subject: [EXTERNAL]: Technical Review -- FOP O2878/Project 36237, Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction

To: Michael Stephenson <MStephenson@freeportlng.com>

Good morning Mr. Stephenson,

My name is Emily Knodell and I have been assigned to the Federal Operating Permit (FOP) *renewal* application of Permit No. **O2878** for *Freeport LNG Development LP/Freeport LNG Regas Facility and Liquefaction*. This application has been assigned Project No. **36237**. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking. This project has been reassigned from Lillian Rodriguez to me, and I will be the permit reviewer moving forward on your project.

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.

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Emily L. Knodell

Permit Reviewer

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

emily.knodell@tceq.texas.gov

Phone: (512) 239-3107

Fax: (512) 239-1400



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



January 22, 2024

Samuel Short
Director, Air Permits Division, Mail Code 163
Texas Commission on Environmental Quality
12100 Park 35 Circle, Building C
Austin, Texas 78711-3087

Subject: Application for Renewal of Title V Site Operating Permit No. 02878
Freeport LNG Regas Facility and Liquefaction Plant (RN103196689)
Freeport LNG Development, L.P., Brazoria County, Texas (CN 601720345)

Dear Mr. Short:

On behalf of Freeport LNG Development, L.P. (Freeport LNG), I am pleased to submit the enclosed application for renewal of the Site Operating Permit (SOP) for Freeport LNG's Liquefaction Plant and Regas Terminal located on Quintana Island, Texas. The Liquefaction Plant cryogenically converts treated natural gas to liquified natural gas for export. The Liquefaction Plant is authorized by Texas Commission on Environmental Quality (TCEQ) New Source Review (NSR) Permit No. 100114. The Regas Terminal is authorized to operate under NSR Permit No. 55464. Both operate under SOP No. 02878.

Freeport LNG is submitting this permit renewal application 6 months before the date of permit expiration, in accordance with 30 TAC § 122.133. Freeport LNG has enclosed the applicable Title V forms.

If you have any questions, please contact Michael Stephenson of Freeport LNG at 979.415.8728 or me at 512.342.3395, or by email: Ruben.Velasquez@atkinsrealis.com.

Thank you for your consideration.

Sincerely,

Ruben I. Velasquez, P.E.
Senior Engineer
AtkinsRéalis



1-22-2024

ATKINS

TBPE REG. #F-474

AtkinsRéalis
11801 Domain Blvd.
Suite 500
Austin, TX 78731
Tel: 512.327.6840
atkinsrealis.com

xc: Ms. Nicole Bealle, TCEQ Houston Regional Office Director
Ms. Jodie Vice, Director, Environmental Health, Brazoria County Health Department
U.S. Environmental Protection Agency, Region 6
Mr. Michael Stephenson, Freeport LNG Development, L.P.



Application for Renewal of Texas Commission on Environmental Quality Site Operating Permit No. O2878

**Freeport LNG Regas Facility and Liquefaction Plant
Freeport LNG Development, L.P.
Freeport, Brazoria County, Texas**

Prepared For:
Freeport LNG Development, L.P.
1500 Lamar Street
Quintana, Texas 77541-8113

Prepared by:
AtkinsRéalis
11801 Domain Boulevard, Suite 500
Austin, Texas 78758

January 2024



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Appendixes:

- A Area Map
- B Plot Plans
- C Alternative Method of Control (AMOC) No. 70

Tables

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Acronyms and Abbreviations

BOG	boil off gas
CN	Customer Number
CO	carbon monoxide
CO ₂	carbon dioxide
EPN	Emission Point Number
H ₂ S	hydrogen sulfide
lb/hr	pounds per hour
LNG	Liquefied Natural Gas
MSS	maintenance, start-up, and shutdown
NAAQS	National Ambient Air Quality Standards
NGL	natural gas liquids
NO _x	nitrogen oxides
NSR	New Source Review
PM	particulate matter
PM ₁₀	particulate matter less than or equal to 10 micrograms in diameter
PM _{2.5}	particulate matter less than or equal to 2.5 micrograms in diameter
psia	pounds per square inch absolute
PSV	pressure safety valve
PTE	Potential to Emit
RN	Regulated Entity Number
SOP	Site Operating Permit
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
tpy	tons per year
VOC	volatile organic compound

1. Introduction

Freeport LNG Development, L.P. (Freeport LNG) owns and operates a Liquefied Natural Gas (LNG) import and regasification terminal and a natural gas liquefaction plant (Liquefaction Plant) located on Quintana Island near Freeport, Brazoria County, Texas. Operations at the Liquefaction Plant are authorized by Texas Commission on Environmental Quality's (TCEQ) New Source Review (NSR) Permit No. 100114. The Regas Terminal is authorized to operate under NSR Permit No. 55464. The site has been assigned TCEQ Regulated Entity Number (RN) 103196689. Freeport LNG has been assigned Customer Number (CN) 601720345. Brazoria County is currently designated as attainment/unclassifiable with respect to the National Ambient Air Quality Standards (NAAQS) for all criteria pollutants except ozone. Brazoria County is designated as severe nonattainment with respect to the 2008 8-hour ozone standard and moderate nonattainment with respect to the 2015 8-hour ozone standard.

The Liquefaction Plant and Regas Terminal are subject to the Texas Federal Operating Permits Program according to Title 30 of the Texas Administrative Code Section 122.120 (30 TAC § 122.20) and have been assigned Site Operating Permit (SOP) Number O2878, last renewed on July 22, 2019. The current SOP is set to expire on July 22, 2024. Freeport LNG is submitting this permit renewal application 6 months before the date of permit expiration, in accordance with 30 TAC § 122.133. In addition, Freeport LNG is requesting to incorporate the following changes at the site resulting in updates to the operating permit with this renewal application:

- Removal of Cold Solvent Cleaner ID No. CS-CLEANER.
- Addition of Storm Drain Units ID No. STC-T-1, STC-T-2, STC-T-3, and STC-T-4 to GRP-STRMCEP.
- Addition of planned Maintenance, Startup, and Shutdown (MSS) Venting (ID No. LIQFLAREMSS) to GRP-LIQFLR.

1.1 Application Contents

The application includes the following:

- Section 2. Process Description
- Section 3. Title V Site and Unit Summary Forms
 - TCEQ Form OP-1
 - TCEQ Form OP-2
 - TCEQ Form OP-CRO1
 - TCEQ Form OP-SUMR
 - TCEQ Form OP-PBRSUP
- Section 4. Title V Unit Attribute Forms

-
- Section 5. Title V Potentially Applicable Requirements Forms
 - TCEQ Form OP-REQ1
 - Section 6. Title V Compliance Form
 - TCEQ Form OP-ACPS

Applicable TCEQ forms are provided if the relevant information has been updated by Freeport LNG. Otherwise, the previous unit attributes and applicable requirements in the permit should be used. In addition, Freeport LNG is not requesting a revision to the current Permit Shield and, therefore, the current Permit Shield should be used. Units at the Liquefaction Plant and Regas Terminal that are specifically identified as off-permit sources in TCEQ guidance documents and forms are not specifically addressed in this SOP renewal application. In addition to off-permit sources, units identified as having no unit-specific applicable state or federal requirements are not addressed in the SOP application. The sources not addressed in the application may still be subject to applicable site-wide requirements; however, these requirements are not codified on a unit-specific basis.

2. Project Description

The existing Regasification Terminal is permitted to receive, store, export, reliquefy, and vaporize LNG. LNG is intended to be stored at the terminal before being vaporized and discharged to the Texas natural gas pipeline system for delivery to the end-users. Due to current market conditions, the terminal has operated only intermittently since construction. The following is a description of the existing and proposed facilities assuming full buildout as an LNG receiving and regasification terminal.

The terminal includes the following elements:

- LNG receiving and unloading;
- LNG storage;
- LNG vapor handling;
- LNG vaporization and send-out; and
- Ancillary equipment and utilities.

The Regasification Terminal consists of two sections. The first includes the LNG receiving facility, two docking facilities, and associated piping and equipment. The second section consists of LNG storage and vaporization facilities, which include three LNG storage tanks, control equipment, vaporization units, and associated piping.

The LNG receiving facility consists of a marine maneuvering area, which includes a protected berth and unloading docks. The LNG flows from the receiving facility into any of the three LNG storage tanks where it is stored in a liquid state until it is sent through pipes to the vaporization units. Regasification of the LNG occurs in vertical shell and tube-type exchangers using a water and glycol solution to achieve the desired warming temperature.

Natural gas-fired heaters are used to warm the water/glycol solution and the natural gas fuel to the heaters. During the warmer months of the year, Freeport LNG utilizes an innovative air “warming” tower to minimize air emissions. Once warmed, pipeline quality natural gas is transferred to the send-out pipeline to be delivered to customers.

In addition, Freeport LNG’s NSR Permit No. 55464 authorizes the operation of a boil-off gas (BOG) liquefaction system and an LNG truck delivery system in the terminal facilities. The BOG liquefaction system gives Freeport LNG additional operational and commercial flexibility and reliability in handling BOG generated by thermal leakage from the terminal’s storage tanks and associated equipment and piping. In the absence of sufficient LNG imports, these systems provide alternative sources of LNG to maintain safe and continual cryogenic terminal operation.

The natural gas Liquefaction Plant is located adjacent to the existing import and regasification terminal facility on Quintana Island. The Liquefaction Plant consists of four propane, pre-cooled, mixed-refrigerant trains. Dehydrated, treated, and mercury-free gas from the Freeport LNG Pretreatment Facility, located approximately 3.5 miles inland to the northeast of the import, and

regasification terminal facility along Freeport LNG’s existing 42-inch natural gas pipeline route is delivered to the Liquefaction Plant via an intrastate pipeline system, which is also owned and operated by Freeport LNG, to supply the Liquefaction Plant. The treated gas is liquefied through the liquefaction trains and then transported to one of the three LNG storage tanks, tanks 1, 2, and 3. As currently authorized under NSR Permit No. 100114, LNG is transported directly from tanks 1, 2, or 3 through existing and authorized infrastructure to either of the two dock-loading facilities for export by LNG carriers arriving via marine transit through the Freeport Harbor Channel. No additional loading or export facilities are associated with NSR Permit No. 100114.

2.1 Off Permit Sources

Units at the Liquefaction Plant that are specifically identified as off-permit sources in TCEQ guidance documents and forms and units that have no applicable requirements are not specifically addressed in this application. The sources listed on Table 1 are not included on a unit attribute form or the TCEQ Form OP-SUMR.

2.2 Area Map

An area map that depicts the location of the site is found in Appendix A of this document. The map is drawn to scale and shows the site property boundaries and the location of the nearest structures and residential areas not owned by Freeport LNG. As shown on the area map, there are no schools located within 3,000 feet of this facility.

2.3 Plot Plans

Plot plans depicting the site are found in Appendix B of this document. These plot plans show the location of buildings and existing and proposed emissions points relative to the plant boundary.

Table 1. Off-Permit 100114 Sources

EPN/ FIN	Description
LEGT-5 ¹	Diesel storage tank less than 500 gallons
LEGT-6 ¹	Diesel storage tank less than 500 gallons
CUBE-DIES ¹	Diesel storage tank less than 500 gallons
CUBE-GAS ¹	Gasoline storage tank less than 500 gallons
17V-53A/B ¹	Propane bullet storage tanks designed to operate in excess of 30 psia and without emissions to the atmosphere (pressure vessels).
17V-54A/B ¹	Ethylene bullet storage tanks designed to operate in excess of 30 psia and without emissions to the atmosphere (pressure vessels).
FUG-BOGLIQ	BOG Liquefaction System Fugitives
FUG	Fugitives
FUG-PHII	Phase II Fugitives
MSS-FUG	Inherently Low Emitting Maintenance Activities
MSS-FUG-GFV	Gaseous Fuel Venting to Atmosphere
LEACT1 ¹	Diesel storage tank less than 500 gallons
LEACT2 ¹	Diesel storage tank less than 500 gallons
-	Fuel Dispensing Equipment
-	Bench Scale Laboratory Equipment
-	Maintenance, Startup, or Shutdown (MSS) Activities
-	Industrial Gases
-	Tanks (Volume <500 gallons)
-	Soldering, Brazing, Welding Operations
-	Hand-Held/Manually Operated Machines
N/A	Activities that qualify as “de minimis”

¹ Although the tanks themselves are off-permit sources, the loading operations are included in this application package to address 30 TAC Chapter 115 Subchapter C applicability.

2.4 CAM Applicability

Per 30 TAC § 122.604(b), CAM is required for sources that meet the following requirements:

- The emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
- The emission unit uses a control device to achieve compliance with the emission limitation or standard; and
- The emission unit has pre-control device potential to emit (PTE) greater than or equal to the amount in tons per year required for a site to be classified as a major source.

Freeport LNG is not proposing the addition of any sources subject to CAM in this SOP Renewal application.

2.5 Periodic Monitoring Applicability

Per 30 TAC § 122.602(a), additional periodic monitoring may be required for sources with emission limitations or standards in an applicable requirement of the permit if the applicable requirement does not contain sufficient periodic monitoring. Freeport LNG is not proposing the addition of any sources subject to periodic monitoring in this SOP Renewal application.

3. Title V Site and Unit Summary Forms

- TCEQ Form OP-1
- TCEQ Form OP-2
- TCEQ Form OP-CRO1
- TCEQ Form OP-PBRSUP
- TCEQ Form OP-SUMR

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

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

I. Company Identifying Information
A. Company Name: Freeport LNG Development, L.P
B. Customer Reference Number (CN): CN601720345
C. Submittal Date (mm/dd/yyyy): 01/22/2024
II. Site Information
A. Site Name: Freeport LNG Regas Facility and Liquefaction Plant
B. Regulated Entity Reference Number (RN): RN103196689
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>	
A. Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input 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 type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information	
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Michael Moppert	
RO Title: Chief Operating Officer	
Employer Name: Freeport LNG Development, L.P.	
Mailing Address: 1602 Lamar Street	
City: Quintana	
State: TX	
ZIP Code: 77541	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: 979-415-8700	
Fax No.:	
Email: MMoppert@freeportlng.com	

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Michael Stephenson
Technical Contact Title: Director of Regulatory Affairs
Employer Name: Freeport LNG Development, L.P.
Mailing Address: 1500 Lamar St
City: Quintana
State: TX
ZIP Code: 77541-8113
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (979) 415-8728
Fax No.:
Email: mstephenson@freeportlng.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Joan Huffman
B. State Representative: Cody Vasut
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Freeport LNG Regas Facility and Liquefaction Plant
B. Physical Address: 1500 Lamar Street
City: Quintana
State: TX
ZIP Code: 77541
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

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

X. Application Area Information (continued)
G. Latitude (nearest second): 028° 55' 37"
H. Longitude (nearest second): 095° 19' 03"
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: 73
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Freeport Public Library
B. Physical Address: 410 N Brazosport Blvd
City: Freeport
ZIP Code: 77541
C. 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: Michael Stephenson
Contact Mailing Address: 1500 Lamar St
City: Quintana
State: TX
ZIP Code: 77541-8113
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (979) 415-8728

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

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

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 7)
Texas Commission on Environmental Quality**

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date: 01/22/2024	
Permit No.: O2878	
Regulated Entity No.: RN103196689	
Company Name: Freeport LNG Development, L.P	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

VOC NO_x SO₂ PM₁₀ CO Pb HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? YES NO N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

Date: 01/22/2024
Permit No.: O2878
Regulated Entity No.: RN103196689
Company Name: Freeport LNG Development, L.P.

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	NO	CS-CLEANER	OP-UA16	106.454/11/01/2001	Removal of CS-CLEANER from Permit No. O2878
2	MS-C	YES	STC-T-1	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-1 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield.
3	MS-C	YES	STC-T-2	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-2 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield
4	MS-C	YES	STC-T-3	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-3 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield.
5	MS-C	YES	STC-T-4	OP-UA14	106.532/09/04/2000	Addition of Unit ID No. STC-T-4 to existing Group ID No. GRP-STRMCEP with no change to or addition of applicable requirements or Permit Shield
6	MS-C	YES	LIQFLAREMSS	OP-UA15	100114	Addition of Unit ID No. LIQFLAREMSS to existing Group ID No. GRP-LIQFLR with no change to or addition of applicable requirements or Permit Shield.

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

Date: 01/22/2024	
Permit No.: O2878	
Regulated Entity No.: RN103196689	
Company Name: Freeport LNG Development, L.P.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required:	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

I. Identifying Information					
RN: RN103196689		CN: CN601720345		Account No.: BL-A014-N	
Permit No.: O2878			Project No.:		
Area Name: Freeport LNG Regas Facility and Liquefaction Plant			Company Name: Freeport LNG Development, L.P.		
II. Certification Type <i>(Please mark the appropriate box)</i>					
<input type="checkbox"/> Responsible Official			<input checked="" type="checkbox"/> Duly Authorized Representative		
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
IV. Certification of Truth					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>Michael Stephenson</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i>					
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From _____ to _____ <i>Start Date</i> <i>End Date</i>					
Specific Dates: <u>01/22/2024</u> _____ _____ _____ _____ _____ _____ <i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i>					
Signature: 			Signature Date: <u>1-22-24</u>		
Title: <u>Director of Regulatory Affairs</u>					

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

Date	Permit Number	Regulated Entity Number
01/22/2024	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date
CUBE-DIES	106.412	09/04/2000
CUBE-GAS	106.412	09/04/2000
JAM-DIES	106.412	09/04/2000
MSSPBR	106.263	11/01/2001
HANDEQUIP	106.265	09/04/2000
SANDBLAST	106.452	09/04/2000
PIGLAUNCH	106.355	11/01/2001
CUBE-DIES	106.472	09/04/2000
CUBE-GAS	106.472	09/04/2000
JAM-DIES	106.473	09/04/2000

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

Date	Permit Number	Regulated Entity Number
01/22/2024	O2878	RN103196689

Unit ID No.	PBR No.	Version No./Date
17U-50	106.532	09/04/2000
17U-61	106.532	09/04/2000
17U-62	106.532	09/04/2000
17U-63	106.532	09/04/2000
18U-50	106.532	09/04/2000
STC-2400	106.532	09/04/2000
STC-T-1	106.532	09/04/2000
STC-T-2	106.532	09/04/2000
STC-T-3	106.532	09/04/2000
STC-T-4	106.532	09/04/2000

Permit By Rule Supplemental Table (Page 4)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
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PBR No.	Version No./Date
106.122	09/04/2000

Permit By Rule Supplemental Table (Page 5)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
CUBE-DIES	106.412	09/04/2000	The quantity of diesel fuel dispensed into mobile sources as authorized by this PBR will be recorded monthly and emissions will be calculated annually.
CUBE-GAS	106.412	09/04/2000	The quantity of fuel dispensed into mobile sources as authorized by this PBR will be recorded monthly and emissions will be calculated annually.
JAM-DIES	106.412	09/04/2000	The quantity of diesel fuel dispensed into mobile sources as authorized by this PBR will be recorded monthly and emissions will be calculated annually.
MSSPBR	106.263	11/01/2001	Monitoring and recordkeeping for each MSS event authorized by this PBR will comply with the applicable requirements of the PBR including the following: Records identifying the following for all maintenance, start-up, or shutdown activities and temporary maintenance facilities: (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
HANDEQUIP	106.265	09/04/2000	Per TCEQ: No registration or recordkeeping is required. See Air PBR 106.265: Hand-held and Manually Operated Machines - Texas Commission on Environmental Quality - www.tceq.texas.gov

Permit By Rule Supplemental Table (Page 6)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
SANDBLAST	106.452	09/04/2000	The enclosed sandblaster will be monitored for visible emissions outside the building when in use.
PIGLAUNCH	106.355	11/01/2001	The gas vented from the pig launcher will be sampled and confirmed to be sweet, natural gas before venting from the pig launcher. Per this PBR, the facility is exempt from the requirement to maintain records of maintenance and purging emissions when venting of sweet, natural gas from pipelines.
17U-50	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
17U-61	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
17U-62	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
17U-63	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
18U-50	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-2400	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-T-1	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-T-2	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.

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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
STC-T-3	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
STC-T-4	106.532	09/04/2000	The stormceptor will be monitored for the presence of oil and functionality on a quarterly basis according to the site's Stormwater Pollution Prevention Plan (SWPPP). The lubrication oils used on site that may incidentally be washed off into the stormwater system have vapor pressures below the applicable level allowed by this PBR.
CUBE-DIES	106.472	09/04/2000	The type of fuel stored in the fuel cube will be recorded annually. Records of the volume of fuel received will be maintained on a monthly basis and emissions will be calculated annually.
CUBE-GAS	106.473	09/04/2000	The type of fuel stored in the fuel cube will be recorded annually. Records of the volume of fuel received will be maintained on a monthly basis and emissions will be calculated annually.
JAM-DIES	106.472	09/04/2000	The type of fuel stored in the fuel cube will be recorded annually. Records of the volume of fuel received will be maintained on a monthly basis and emissions will be calculated annually.

**Texas Commission on Environmental Quality
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Individual Unit Summary for Revisions
Form OP-SUMR**

[Table 1](#)

Date	Permit No.	Regulated Entity No.
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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	CS-CLEANER	OP-UA16	Cold Solvent Cleaner		106.454/11/01/2001	
A	2	STC-T-1	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	3	STC-T-2	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	4	STC-T-3	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	5	STC-T-4	OP-UA14	Storm Drain Unit		106.532/09/04/2000	
A	6	LIQFLAREMSS	OP-UA15	Maintenance, Startup, and Shutdown (MSS) Venting to Flare		100114	

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Individual Unit Summary for Revisions
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[Table 2](#)

Date	Permit No.	Regulated Entity No.
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Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
2	STC-T-1	OP-UA14	A	GRP-STRMCEP
3	STC-T-2	OP-UA14	A	GRP-STRMCEP
4	STC-T-3	OP-UA14	A	GRP-STRMCEP
5	STC-T-4	OP-UA14	A	GRP-STRMCEP
6	LIQFLAREMSS	OP-UA4	A	GRP-LIQFLR

4. Title V Unit Attribute Forms

Unit applicable forms were provided by Freeport LNG in previous permit applications. Therefore, the previous unit attributes and permit applicable requirements should be used.

5. Title V Unit Potentially Applicable Forms

- TCEQ Form OP-REQ1

Note: Freeport LNG is not requesting a change to the current Permit Shield at this time. In addition, the existing permit applicable requirements should be used in addition to any revisions resulting from this permit renewal.

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Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6. 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆ a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆ 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input 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

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Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆ 5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<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
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
A. Temporary Fuel Shortage Plan Requirements	
1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds	
◆ 1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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

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Form OP-REQ1: Page 6	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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Form OP-REQ1: Page 8	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)	
◆ 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input checked="" 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 checked="" type="checkbox"/> NO
◆ 4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input checked="" 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 checked="" type="checkbox"/> N/A

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

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

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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H. 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 checked="" type="checkbox"/> YES <input 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 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 type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input 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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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input 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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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)	
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input 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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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input 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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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006	
◆ 1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input 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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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆ 8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆ 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆ 1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

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

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

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

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Transfer Racks</i>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Process Wastewater Streams</i>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application 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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C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Drains</i>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
<i>Containers</i>	
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
<i>Drains</i>	
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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Form OP-REQ1: Page 47	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input 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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)	
◆ 5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft ³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R. 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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)

<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input 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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of 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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of 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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBB.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart 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 checked="" type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input 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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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)	
F. Subpart F - Recycling and Emissions Reduction	
◆ 1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input 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
G. Subpart G - Significant New Alternatives Policy Program	
◆ 1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>	<input type="checkbox"/> YES <input 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
H. Subpart H -Halon Emissions Reduction	
◆ 1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input 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
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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

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

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

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

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Date:–	01/22/2024
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For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	<p>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></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>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.</p>	
◆	<p>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).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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Form OP-REQ1: Page 85		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is “NO,” go to Section XII.C. If the response to XII.B.1 is “YES,” be sure to include the standard permit’s registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<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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Form OP-REQ1: Page 86	
XII. New Source Review (NSR) Authorizations (continued)	
B. Air Quality Standard Permits (continued)	
◆ 11. The application area includes at least one “Rock Crusher” Air Quality Standard Permit NSR authorization.	<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
C. Flexible Permits	
1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits	
1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 55464	Issuance Date: 10/29/2014	Authorization No.:	Issuance Date:
Authorization No.: 100114	Issuance Date: 06/29/2020	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.122	Version No./Date: 09/04/2000
PBR No.: 106.227	Version No./Date: 09/04/2000
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.265	Version No./Date: 09/04/2000
PBR No.: 106.355	Version No./Date: 11/01/2001
PBR No.: 106.412	Version No./Date: 09/04/2000
PBR No.: 106.452	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.473	Version No./Date: 09/04/2000
PBR No.: 106.478	Version No./Date: 09/04/2000
PBR No.: 106.492	Version No./Date: 09/04/2000
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.532	Version No./Date: 09/04/2000
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

6. Title V Compliance Forms

- TCEQ Form OP-ACPS

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

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

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

Part 1

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

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

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

Part 2

A. Compliance Schedule		
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s): LIQFLARE		
SOP Index No.: Permit 100114		
Pollutant: NOx		
Applicable Requirement		
Citation	Text Description	
Permit 100114 GC 8 & SC1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT	
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	Location of Records/Documentation
NSR Permit 100114, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare	Regulatory Compliance Office, Quintana, Texas
3. Non-compliance Situation Description		
NOx emissions from the Liquefaction Flare are estimated to be above the Permit 100114 MAERT		
4. Corrective Action Plan Description		
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 currently under review by the TCEQ.		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 currently under review by the TCEQ.		

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

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	N/A
7. Progress Report Submission Schedule	
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 currently under review by the TCEQ.	

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

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

Part 2

A. Compliance Schedule		
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. (See form instruction for details.) If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s): LIQFLARE		
SOP Index No.: Permit 100114		
Pollutant: CO		
Applicable Requirement		
Citation	Text Description	
Permit 100114 GC 8 & SC1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT	
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	Location of Records/Documentation
NSR Permit 100114, SC 7. E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare	Regulatory Compliance Office, Quintana, Texas
3. Non-compliance Situation Description		
CO emissions from the Liquefaction Flare are estimated to be above the Permit 100114 MAERT		
4. Corrective Action Plan Description		
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 which is currently under review by the TCEQ.		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 which is currently under review by the TCEQ.		

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

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	N/A
7. Progress Report Submission Schedule	
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 which is currently under review by the TCEQ .	

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

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

Part 2

A. Compliance Schedule		
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s): LIQFLARE		
SOP Index No.: Permit 100114		
Pollutant: VOC		
Applicable Requirement		
Citation	Text Description	
Permit 100114 GC 8 & SC1	The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on MAERT	
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	Location of Records/Documentation
NSR Permit 100114, SC 7.E	Emissions estimates based on continuous monitoring of vent gas composition and flow to the flare	Regulatory Compliance Office, Quintana, Texas
3. Non-compliance Situation Description		
VOC emissions from the Liquefaction Flare are estimated to be above the Permit 100114 MAERT		
4. Corrective Action Plan Description		
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 which is currently under review by the TCEQ.		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
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**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 01/22/2024	Regulated Entity No.: RN103196689	Permit No.: O2878
Company Name: Freeport LNG Development, L.P.		Area Name: Freeport LNG Regas Facility and Liquefaction Plant

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
N/A	N/A
7. Progress Report Submission Schedule	
The emission limits were updated with the submittal of permit amendment application to the TCEQ on 08/09/2022 which is currently under review by the TCEQ.	

APPENDICES

Appendix A

Area Map

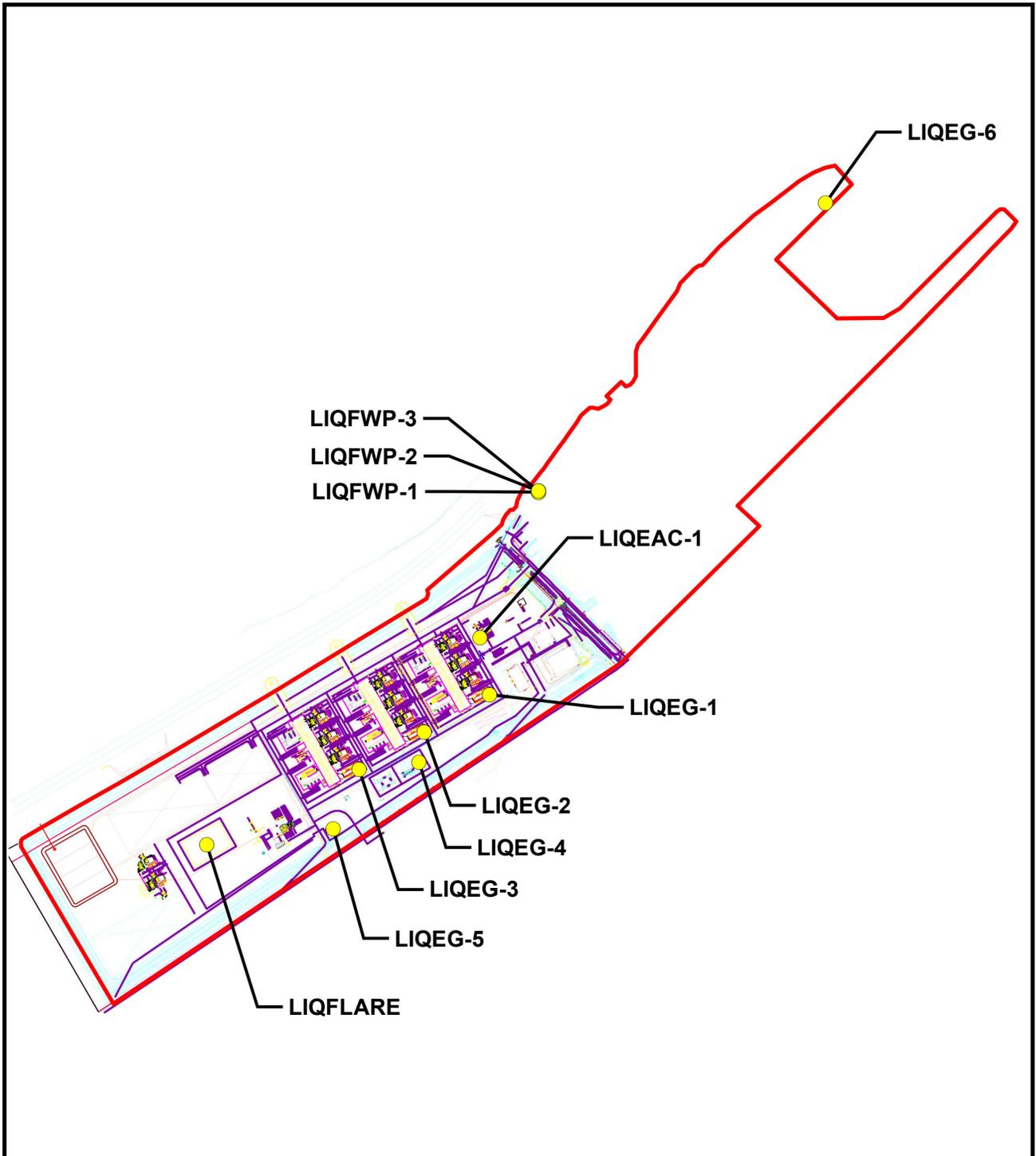


Freeport LNG Development, L.P.
Freeport LNG Liquefaction Plant
Freeport, Brazoria County, Texas



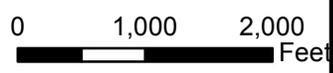
Appendix B

Plot Plans



Legend

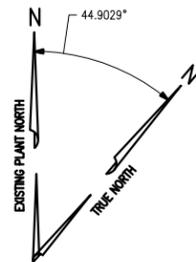
- Emmission Point
- Liquefaction Plant Boundary



**Liquefaction Plant and LNG Regas Terminal
Freeport LNG Development, L.P.
Quintana, Texas**

Prepared By: Atkins/frie8827	Scale: 1" = 2000'
Job No.: 100049512	Date: 5/19/2016

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

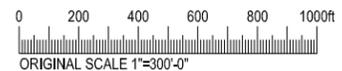
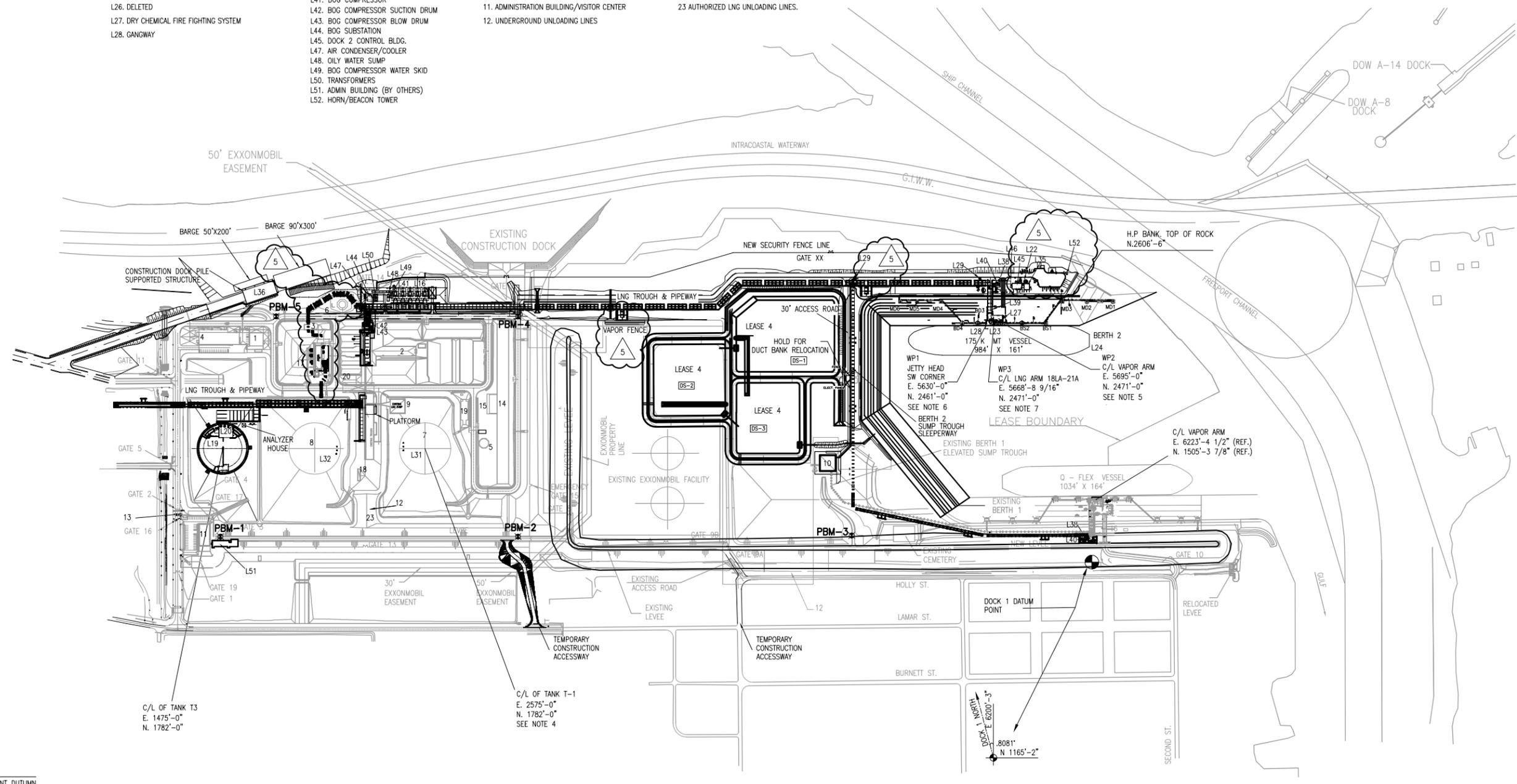


PROJECT 1008 SCHEDULE OF EQUIPMENT

- L16. BOG COMPRESSOR SHELTER
- L17. DELETED
- L18. DELETED
- L19. 3rd LNG STORAGE TANK
- L20. LNG SENDOUT PUMP (TANK 3 EXPORT)
- L21. DELETED
- L22. EMERGENCY GENERATOR
- L23. LNG UNLOADING ARM A/B/C
- L24. VAPOR RETURN ARM
- L25. DELETED
- L26. DELETED
- L27. DRY CHEMICAL FIRE FIGHTING SYSTEM
- L28. GANGWAY
- L29. DRY AIR RECEIVER
- L30. DELETED
- L31. LNG SENDOUT PUMP (TANK 1 EXPORT)
- L32. LNG SENDOUT PUMP (TANK 2 EXPORT)
- L33. DELETED
- L34. DELETED
- L35. DOCK 2 SUBSTATION
- L36. CONSTRUCTION DOCK
- L37. DELETED
- L38. SURGE DRUM
- L39. ANALYZER ENCLOSURE
- L40. BLOW DOWN DRUM
- L41. BOG COMPRESSOR
- L42. BOG COMPRESSOR SUCTION DRUM
- L43. BOG COMPRESSOR BLOW DRUM
- L44. BOG SUBSTATION
- L45. DOCK 2 CONTROL BLDG.
- L47. AIR CONDENSER/COOLER
- L48. OILY WATER SUMP
- L49. BOG COMPRESSOR WATER SKID
- L50. TRANSFORMERS
- L51. ADMIN BUILDING (BY OTHERS)
- L52. HORN/BEACON TOWER

SCHEDULE OF EQUIPMENT

- 1. CONTROL ROOM AND LABORATORY
- 2. VAPORIZATION AREA
- 3. UTILITY AREA
- 4. MAINTENANCE BUILDING AND LAYDOWN AREA
- 5. WATER TANK
- 6. GROUND FLARE
- 7. LNG TANK T-1
- 8. LNG TANK T-2
- 9. LNG DRAIN SUMP (TANK AREA)
- 10. LNG DRAIN SUMP (UNLOADING AREA)
- 11. ADMINISTRATION BUILDING/VISITOR CENTER
- 12. UNDERGROUND UNLOADING LINES
- 13. GATE HOUSE
- 14. AIR EXCHANGE TOWER
- 15. WATER PUMPS
- 16. DOCK SIDE CONTROL ROOM
- 17. POWER FEED TO PLANT
- 18. PIG LAUNCHER STATION (SENDOUT)
- 19. VFD BUILDING
- 20. LNG TRUCK UNLOADING AREA
- 21. AUTHORIZED LNG TANK T-3
- 22. AUTHORIZED LNG DOCK-2
- 23. AUTHORIZED LNG UNLOADING LINES.

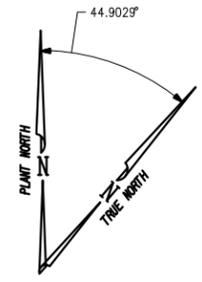


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- NOTES**
- THIS PLOT PLAN IS FOR PROJECT 1008 ADDITIONS AND MODIFICATIONS
 - PROJECT 1008 ADDITIONS/MODIFICATIONS ARE SHOWN BOLD.
 - FOR UNIT/AREA PLOT PLANS SEE DRAWING KEY PLAN 31047-000-DW-0053-003.
 - EXISTING LNG TANK T-1 (L31) SEE TECHNIP EQUIPMENT LOCATION PLAN LNG TANK T-1 PHASE 1 DWG: 31047-000-DW-0051-057.
 - C/L VAPOR ARM E. 5695'-0", N. 2471'-0" = NAD 83 E. 3,148,571.38', N. 13,544,235.43'
 - JETTY HEAD SW CORNER E. 5630'-0", N. 2461'-0" = NAD 83 E. 3,148,532.40', N. 13,544,182.47'
 - C/L LNG ARM 18LA-21A E. 5668'-8 9/16" N. 2471'-0" = NAD 83 E. 3,148,552.77', N. 13,544,216.88'

REV	DATE	BY	DESCRIPTION	CHKD	TECH.	PROJ.	ENG	OPS	P.M.
5	30-JAN-2017	NB	ISSUED FOR CONSTRUCTION	CL	RB				
4	12-APR-2016	CL	ISSUED FOR CONSTRUCTION	CL	RB				
3	14-MAR-2016	NB	ISSUED FOR CONSTRUCTION	CL	RB				
2	02-FEB-2016	NB	ISSUED FOR CONSTRUCTION	CL	RB				
1	17-DEC-2015	NB	ISSUED FOR CONSTRUCTION	CL	RB				
				CONTRACTOR	FREEPORT LNG				
FILE NAME: 179812-1008-000-DW-0051-003-0001.DWG				SCALE: SEE BAR SCALE					

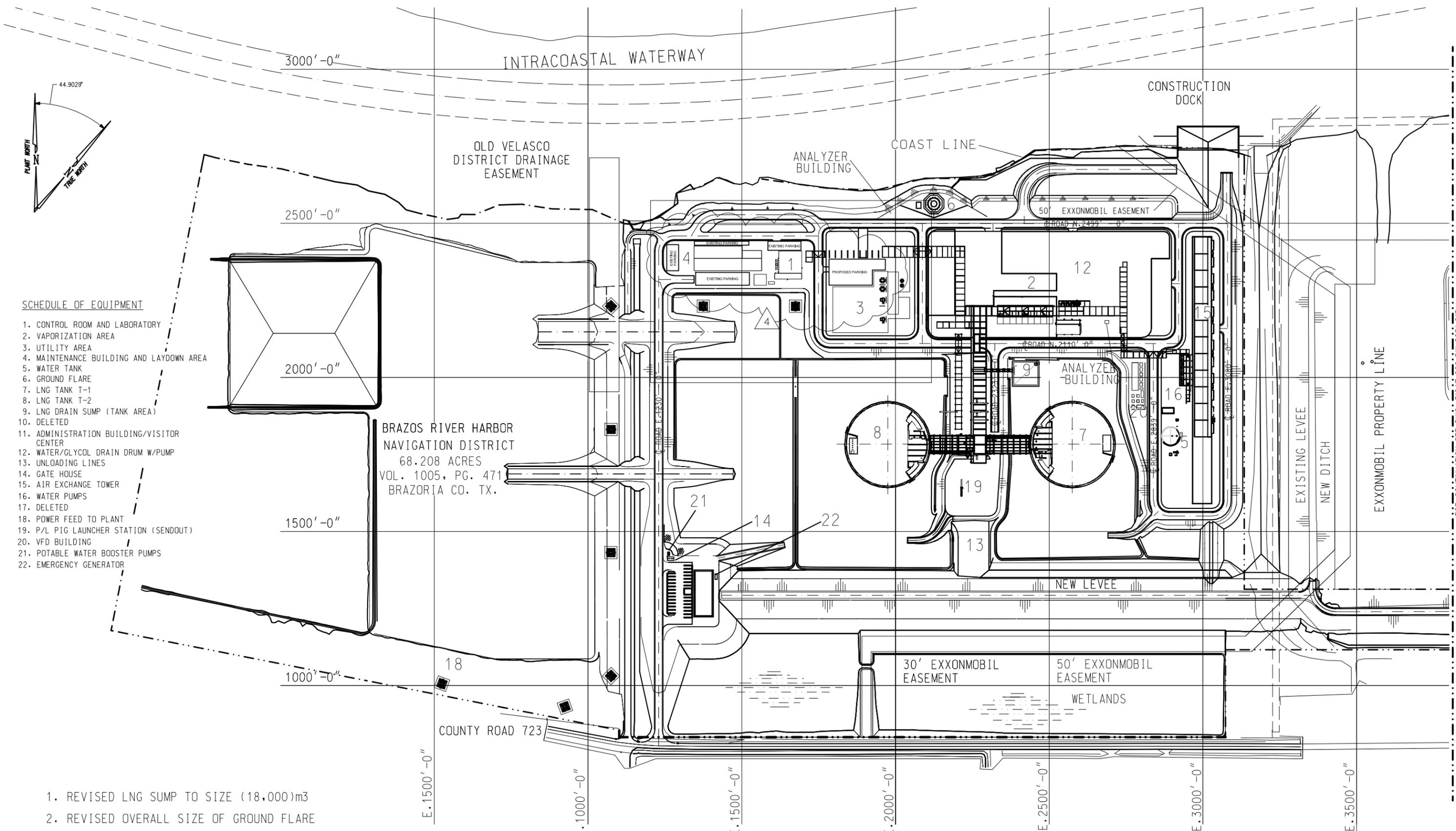
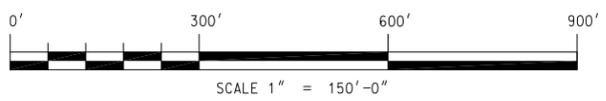
	Project	Area	Doc Type	Eng Code	Seq No	Rev	
	1008	000	DW	0051	003	5	
	PLOT PLAN					BY	DATE
	LNG STORAGE & MARINE FACILITIES					DRAWN	21-JUL-2012
UNIT 18						DRAWING NO.	
						SHEET: 1 of 1	REV. NO. 5



SCHEDULE OF EQUIPMENT

1. CONTROL ROOM AND LABORATORY
2. VAPORIZATION AREA
3. UTILITY AREA
4. MAINTENANCE BUILDING AND LAYDOWN AREA
5. WATER TANK
6. GROUND FLARE
7. LNG TANK T-1
8. LNG TANK T-2
9. LNG DRAIN SUMP (TANK AREA)
10. DELETED
11. ADMINISTRATION BUILDING/VISITOR CENTER
12. WATER/GLYCOL DRAIN DRUM W/PUMP
13. UNLOADING LINES
14. GATE HOUSE
15. AIR EXCHANGE TOWER
16. WATER PUMPS
17. DELETED
18. POWER FEED TO PLANT
19. P/L PIG LAUNCHER STATION (SENDOUT)
20. VFD BUILDING
21. POTABLE WATER BOOSTER PUMPS
22. EMERGENCY GENERATOR

1. REVISED LNG SUMP TO SIZE (18,000)m³
2. REVISED OVERALL SIZE OF GROUND FLARE



REV	DATE	BY	DESCRIPTION	CHK'D	TECH.	PROJ.	PROC.	OPS	P.M.
4	05-13-15	VAC	SHOW EXISTING AND PROPOSED PARKING AREAS	MJ	VAC	VAC			
3	10-27-06	DL	REVISED AS NOTED	TAS	MD	PR			
2	08-30-06	DL	RELOCATED ANALYZER BUILDING	TAS	DGN	PR			
1	07-19-06	DL	REVISED AS NOTED	TAS	DGN	PR			
0	02-10-06	DL	ISSUED FOR CONSTRUCTION	TAS	DGN	DP			
				TECHNIP					FREEPORT LNG

Technip	ZACHRY	Eni Saipem	Project 31047	Unit 000	DocType DW	Eng. Code 0051	Seq. No. 012	Rev. 4
			SITE PLAN LNG STORAGE AND VAPORIZATION PHASE I FREEPORT LNG DEVELOPMENT, L.P. FREEPORT, TEXAS					
			BY DATE DESIGN VE 08/02/04 DRAWN ESE 08/02/04	DRAWING NO. SHEET 1 OF 1	REV. NO. 4			

FOR CONTINUATION SEE DWG. 31047-000-DW-0051-013

Appendix C

Alternative Method of Control (AMOC) No. 70

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 26, 2018

9489 0090 0027 6009 3651 77

MR MARK W MALLET PE
VICE PRESIDENT OPERATIONS AND ENGINEERING
FREEPORT LNG DEVELOPMENT LP
333 CLAY ST STE 5050
HOUSTON TX 77002-4101

Re: Alternative Method of Control (AMOC) No. 70
Liquefaction Plant Multi Point Ground Flare Application
Freeport LNG Liquefaction Plant
Regulated Entity Number: RN103196689
Customer Reference Number: CN601720345
Associated Permit Number: 100114

Dear Mr. Mallett:

The Executive Director of the Texas Commission on Environmental Quality (TCEQ) has made a final decision to approve Freeport LNG Development, L.P.'s (Freeport LNG's) above-referenced Alternate Means of Control (AMOC) Plan for the construction and use of a multi-point ground flare (MPGF) system to control emissions from planned maintenance, startup, and shutdown events (MSS) as well emergency situations. This AMOC Plan will allow the natural gas Liquefaction Plant (LP) to use the MPGF system with the specified provisions as an alternative to complying with 30 Texas Administrative Code (TAC) Chapter 115, Subchapter B; Division 2; Vent Gas Control, §115.122(a)(1).

During the required public comment period, no comments were received.

The TCEQ has been delegated authority to enforce the above cited standards and is authorized to approve this AMOC. You are reminded that approval of any AMOC shall not abrogate the Executive Director or Administrator's authority under the Act or in any way prohibit later canceling the AMOC.

Enclosed you will find the authorized AMOC Plan and Provisions.

You are reminded per §115.913(c) that all representations with regard to this AMOC application and Plan become conditions upon which the AMOC is approved and varying from these representations is not allowed if the change will cause a change in the method of control of emissions, the character of the emissions, result in an increase in the discharge of the various emissions, emission limits, control requirements, monitoring, testing, reporting, or recordkeeping requirements.

Please note you have an opportunity to appeal the Executive Director's determination on the AMOC Plan to the commission within 15 days from the date of receipt of this letter under § 115.914(7). Also, under § 115.914(8), the EPA has 45 days from the date of the TCEQ's final approval of the AMOC Plan to inform the Air Permits Division that it disapproves the AMOC Plan. Following § 115.914(9)-(11), the AMOC plan will become effective with the latter of either EPA acceptance of, or the Commission's issuance of the AMOC plan. Once effective, the AMOC becomes part of the State Implementation Plan.

March 26, 2018
Page 2
Mr. Mark W. Mallett, P.E.

Re: Permit Number: 100114, AMOC No. 70

This AMOC approval supersedes certain requirements and representations in Permit No. 100114. To ensure effective and consistent enforceability, we request that Freeport LNG incorporate this AMOC into the permit through submittal of an alteration no later than 90 days after this approval.

This AMOC Plan and Provisions change applicable requirements for the site, including existing monitoring, reporting, recordkeeping, and testing requirements which has implications for the applicability of any Site Operating Permit (SOP) requirements. We request that Freeport LNG update the appropriate SOP application to incorporate this AMOC Plan and Provisions.

If you need further information or have any questions, please contact Ms. Anne Inman, P.E. at (512) 239-1276 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

cc: Mr. Roberto Vara, P.E., Freeport LNG Development, L.P., RVara@FreeportLNG.com
Mr. Ruben Velasquez, P.E., Atkins North America, Ruben.Velasquez@atkinsglobal.com
Ms. Karen Carroll, Director, Environmental Health, Brazoria County Health Department
Air Program Manager, Region 12
Mr. Sam Short, Manager, Energy/Combustion Section, Air Permits Division, OA: MC-163
Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection
Agency, Region 6, Dallas
Ms. Brenda Shine, U.S. Environmental Protection Agency, Research Triangle Park
Shine.Brenda@epa.gov

Enclosure

Project Number: 271588

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



Alternative Method of Control (AMOC) Plan AMOC No.: AMOC-70 Freeport LNG Development, L.P. Liquefaction Plant Multi-Point Ground Flare (MPGF) System Quintana, Brazoria County Regulated Entity Number: RN103196689

- A. This AMOC Plan Authorization shall apply at the Freeport LNG Development, L.P. (Freeport LNG) Liquefaction Plant located in Quintana, Brazoria County identified by Regulated Entity Number RN103196689. This plan is issued under Title 30 Texas Administrative Code Section 115.910 (30 TAC § 115.910) for the high pressure stages of a multi-point ground flare (MPGF) system used for emissions control. The MPGF is used during high-pressure emission events such as planned maintenance, start-ups and shut-downs (MSS) as well as unplanned emergency and upset situations (including, but not limited to, emissions from miscellaneous venting from pressure relief valves, pump seals, and gas analyzers). The Plan conditions do not apply when gas streams consist only of nonregulated gases, including, but not limited to, water, nitrogen, ethane, noble gases, hydrogen, and oxygen.
- B. A copy of the AMOC application and the AMOC Plan provisions must be kept on-site or at a centralized location and made available at the request of personnel from the TCEQ or any pollution control agency with jurisdiction. The AMOC application is defined by the application received July 11, 2017 and supporting documentation submitted through November 13, 2017.
- C. This authorization is granted under § 115.910 for emissions sources regulated by 30 TAC Chapter 115, Subchapter B: General Volatile Organic Compound Sources, Division 2: Vent Gas Control and Subchapter H: Highly Reactive Volatile Organic Compounds, Division 1: Vent Gas Control. This AMOC shall apply in lieu of the requirements of 30 TAC §§ 115.122(a) and 115.722(d), as applicable. Compliance with this AMOC is independent of Freeport LNG's obligation to comply with all other applicable requirements of 30 TAC Chapter 115, TCEQ permits and applicable state and federal law. The monitoring and testing requirements of 30 TAC §§ 115.125 and 115.725 shall continue to apply even though the flare is no longer subject to 30 TAC §§ 115.122(a) and 115.722(d).

Compliance with the requirements of this plan does not assure compliance with requirements of an applicable New Source Performance Standard, an applicable National Emission Standard for Hazardous Air Pollutants or an Alternative Means of Emission Limitation and does not constitute approval of alternative standards for these regulations.

- D. In accordance with 30 TAC § 115.913(c), all representations submitted for this plan, as well as the provisions listed here, become conditions upon which this AMOC Plan is issued. It is unlawful to vary from the emission limits, control requirements, monitoring, testing, reporting or recordkeeping requirements of this Plan.

- E. The high pressure stages of the MPGF system identified as EPN LIQFLARE in Permit No. 100114 are subject to this AMOC plan. The system collects and combusts hydrocarbon streams during high-pressure emission events such as planned maintenance, start-ups and shut-downs (MSS) as well as unplanned emergency and upset situations (including, but not limited to, emissions from miscellaneous venting from pressure relief valves, pump seals, and gas analyzers). Operations of the pressure-assisted MPGF will achieve a reduction in emissions at least equivalent to the reduction in emissions being controlled by a steam-assisted, air-assisted, or non-assisted flare complying with the requirements of §115.122(a), §115.722(d), or 40 CFR 60.18(b).
- F. The high pressure MPGF system stages must be designed and operated such that the following are met:
1. Operating Requirements: For all high pressure stages, the net heating value of the flare vent gas combustion zone (*NHVcz*) is greater than or equal to 800 British thermal units per standard cubic foot (Btu/scf); or the combustion zone gas lower flammability limit (*LFLcz*) is less than or equal to 6.5 percent by volume.

The owner or operator must demonstrate compliance with the *NHVcz* or *LFLcz* metric by continuously complying with a 15-minute block average. The operator must calculate and monitor for the *NHVcz* or *LFLcz* according to the following:

a. Calculation of *NHVcz*

- i. The owner or operator shall determine the net heating value using the following equation:

$$NHV_{vg} = \sum_{i=1}^n x_i NHV_i$$

Where:

NHV_{vg} = Net heating value of flare vent gas, British thermal units per standard cubic foot (Btu/scf).

Flare vent gas means all gas containing regulated material found just prior to the MPGF. This gas includes all flare waste gas (*i.e.*, gas from facility operations that is directed to a flare for the purpose of disposing of the gas), flare sweep gas, flare purge gas and flare supplemental gas, but does not include pilot gas or nonregulated gases, including, but not limited to, water, nitrogen, ethane, noble gases, hydrogen, and oxygen.

i = Individual component in flare vent gas.

n = Number of components in flare vent gas.

x_i = Concentration of component *i* in flare vent gas, volume percent (vol %).

NHV_i = Net heating value of component *i* determined as the heat of combustion where the net enthalpy per mole of offgas is based on combustion at 25 degrees Celsius (°C) and 1 atmosphere (or constant pressure) with water in the gaseous state from values published in the literature, and then the values converted to a volumetric basis using 20 °C for “standard temperature.” Table 1 (Appendix) summarizes component properties including net heating values.

- ii. For MPGF Stages, *NHV_{vg}* = *NHVcz*.

b. Calculation of LFL_{cz}

- i. The owner or operator shall determine LFL_{cz} from compositional analysis data by using the following equation:

$$LFL_{vg} = \frac{1}{\sum_{i=1}^n \left[\frac{\chi_i}{LFL_i} \right]} * 100 \%$$

Where:

LFL_{vg} = Lower flammability limit of flare vent gas, volume percent (vol %)

n = Number of components in the vent gas.

i = Individual component in the vent gas.

χ_i = Concentration of component i in the vent gas, vol %.

LFL_i = Lower flammability limit of component i as determined using values published by the U.S. Bureau of Mines (Zabetakis, 1965), vol %. All inerts, including nitrogen, are assumed to have an infinite LFL (e.g., $LFL_{N_2} = \infty$, so that $c_{N_2} / LFL_{N_2} = 0$). LFL values for common flare vent gas components are provided in Table 1 (Appendix).

- ii. For MPGF Stages, $LFL_{vg} = LFL_{cz}$.

- c. The operator shall install, operate, calibrate and maintain a monitoring system capable of continuously measuring flare vent gas volumetric flow rate (Q_{vg}).

- i. The flow rate monitoring system must be able to correct for the temperature and pressure of the system and output parameters in standard conditions (i.e., a temperature of 20 degrees C (68 ° F) and a pressure of 1 atmosphere).
- ii. Mass flow monitors may be used for determining volumetric flow rate of flare vent gas provided the molecular weight of the flare vent gas is determined using compositional analysis so that the mass flow rate can be converted to volumetric flow at standard conditions using the following equation:

$$Q_{vol} = \frac{Q_{mass} \times 385.3}{MW_t}$$

where:

Q_{vol} = volumetric flow rate in scf per second (scf/s).

Q_{mass} = mass flow rate in pounds per second (lb/s)

385.3 = conversion factor scf per pound-mole

MW_t = molecular weight of the gas at the flow monitoring location, pounds per pound-mole

- d. The operator shall install, operate, calibrate and maintain a monitoring system capable of continuously measuring (i.e., at least once every 15-minutes), temperature consistent with the applicable requirements in 30 TAC §115 for purposes of correcting flow rate to standard conditions. The monitor must meet the accuracy and calibration specifications annually.

- e. The operator shall install, operate, calibrate and maintain a monitoring system capable of continuously measuring (*i.e.*, at least once every 15- minutes), calculating, and recording the individual component concentrations present in the flare vent gas or install, operate, calibrate and maintain a monitoring system capable of continuously measuring, calculating and recording *NHVvg* (in Btu/scf).
 - f. For each measurement produced by the monitoring system, the operator shall determine the 15-minute block average as the arithmetic average of all measurements made by the monitoring system within the 15-minute period.
 - g. The operator must follow the calibration and maintenance procedures according to Table 2 (Appendix). The operator must monitor downtime associated with maintenance periods, instrument adjustments or checks to maintain precision and accuracy. Zero and span adjustments may not exceed 5 percent of the time the flare is receiving regulated material. Calibration and maintenance procedures conducted when the flare is not receiving regulated material are excluded from the monitor downtime calculation.
2. Pilot Flame Requirements: The MPGF system shall be operated with a flame present at all times when in use. Each burner on MPGF Stages burners must be equipped with at least two pilots with a continuously lit pilot flame. When operating with dual, redundant pilot flames, the loss of one of the pilot flames is not considered a complete loss of pilot flame to the flare system for purposes of compliance with the reporting requirements of Condition 6.c.i of this AMOC.

The pilot flame(s) must be continuously monitored by a thermocouple or any other equivalent device used to detect the presence of a flame. The time, date and duration of any complete loss of pilot flame on any of the individual burners, must be recorded. Each monitoring device must be maintained or replaced at a frequency in accordance with the manufacturer's specifications.

3. Visible Emission Requirements: When the flare is receiving regulated material, the MPGF system shall be operated with no visible emissions except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. A video camera that is capable of continuously recording (*i.e.*, at least one frame every 15 seconds with time and date stamps) images of the flare flame, at a reasonable distance above the flare radiant fencing, and at an angle suitable for visible emissions observations must be used to demonstrate compliance with this requirement. The owner or operator must provide real-time video surveillance camera output to the control room or other continuously manned location where the video camera images may be viewed at any time.
4. Monitor Requirements: The operator of a MPGF system shall install and operate pressure monitor(s) on the main flare header, as well as a valve position indicator monitoring system for each staging valve to ensure that the MPGF operates within the range of tested conditions or within the range of the manufacturer's specifications. The pressure monitor shall meet the requirements in Table 2 (Appendix).

Monitor downtime associated with maintenance periods, instrument adjustments or checks to maintain precision and accuracy and zero and span adjustments may not exceed 5 percent of the time the flare is receiving regulated material. Calibration and maintenance procedures conducted when the flare is not receiving regulated material are excluded from the monitor downtime calculation.

5. Recordkeeping Requirements: All data must be recorded and maintained for a minimum of five years or for as long as applicable rule subpart(s) specify flare records should be kept, whichever is longer. Records must be maintained onsite and made available upon request by authorized representatives of the executive director, U.S. EPA, and any local air pollution control agency with jurisdiction.

6. Reporting Requirements

- a. The information specified in (b) and (c) below should be reported in the timeline specified by the applicable rules for which the MPGF will control emissions.
- b. Owners or operators should include the following information in their initial Monitoring Plan:
 - i. Specify flare design as a pressure assisted MPGF.
 - ii. All visible emission readings, *NHVcz* and/or *LFLcz* determinations, and flow rate measurements. For MPGF, exit velocity determinations do not need to be reported.
 - iii. All periods during the compliance determination when a complete loss of pilot flame on any stage of the MPGF burners occurs.
 - iv. All periods during the compliance determination when the pressure monitor(s) on the main flare header show the MPGF burners operating outside the range of tested conditions or outside the range of the manufacturer's specifications.
 - v. All periods during the compliance determination when the staging valve position indicator monitoring system indicates a stage of the MPGF should not be in operation, but is; or when a stage of the MPGF should be in operation, but is not.
- c. The owner or operator shall notify the executive director of periods of excess emissions in their Title V Periodic Reports. These periods of excess emissions shall include:
 - i. Each 15-minute block during which there was at least one minute when regulated material was routed to the MPGF and complete loss of pilot flame occurred in any given stage of the MPGF.
 - ii. Periods of visible emissions events that are time and date stamped and exceed more than 5 minutes in any 2-hour consecutive period.
 - iii. Each 15-minute block period for which an applicable combustion zone operating limit (*i.e.*, *NHVcz* or *LFLcz*) is not met for the MPGF when regulated material is being combusted in the flare. Indicate the date and time for each period, the *NHVcz* and/or *LFLcz* operating parameter for the period, the type of monitoring system used to determine compliance with the operating parameters (*e.g.*, gas chromatograph or calorimeter), and the MPGF stages which were in use.
 - iv. Periods when the pressure monitor(s) on the main flare header show the MPGF burners are operating outside the range of tested conditions or outside the range of the manufacturer's specifications. Indicate the date and time for each period, the pressure measurement, the stage(s) and number of MPGF burners affected and the range of tested conditions or manufacturer's specifications.
 - v. Periods when the staging valve position indicator monitoring system indicates a stage of the MPGF should not be in operation, but is; or when a stage of the MPGF should be in operation, but is not. Indicate the date and time for each period, whether the stage was supposed to be open but was closed or vice versa and the stage(s) and number of MPGF burners affected.

APPENDIX Table 1 — Individual Component Properties

<u>Component</u>	<u>Molecular Formula</u>	<u>MWi (lb/ lb mol)</u>	<u>NHVi (Btu/scf)</u>	<u>LFLi (volume %)</u>
Acetylene	C2H2	26.04	1,404	2.5
Benzene	C6H6	78.11	3,591	1.3
1,2- Butadiene	C4H6	54.09	2,794	2.0
1,3- Butadiene	C4H6	54.09	2,690	2.0
iso-Butane	C4H10	58.12	2,957	1.8
n-Butane	C4H10	58.12	2,968	1.8
cis-Butene	C4H8	56.11	2,830	1.6
iso-Butene	C4H8	56.11	2,928	1.8
trans-Butene	C4H8	56.11	2,826	1.7
Carbon Dioxide	CO2	44.01	0	∞
Carbon Monoxide	CO	28.01	316	12.5
Cyclopropane	C3H6	42.08	2,185	2.4
Ethane	C2H6	30.07	1,595	3.0
Ethylene	C2H4	28.05	1,477	2.7
Hydrogen	H2	2.02	274	4.0
Hydrogen Sulfide	H2S	34.08	587	4.0
Methane	CH4	16.04	896	5.0
Methylacetylene	C3H4	40.06	2,088	1.7
Nitrogen	N2	28.01	0	∞
Oxygen	O2	32.00	0	∞
Pentane+ (C5+)	C5H12	72.15	3,655	1.4
Propadiene	C3H4	40.06	2,066	2.16
Propane	C3H8	44.10	2,281	2.1
Propylene	C3H6	42.08	2,150	2.4
Water	H2O	18.02	0	∞

APPENDIX Table 2 — Accuracy and Calibration Requirements

Parameter	Accuracy requirements	Calibration requirements
Flare Vent Gas Flow Rate	<p>±20 percent of flow rate at velocities ranging from 0.1 to 1 feet per second.</p> <p>±5 percent of flow rate at velocities greater than 1 foot per second.</p>	<p>Performance evaluation biennially (every two years) and following any period of more than 24 hours throughout which the flow rate exceeded the maximum rated flow rate of the sensor, or the data recorder was off scale.</p> <p>Checks of all mechanical connections for leakage monthly. Visual inspections and checks of system operation every 3 months, unless the system has a redundant flow sensor.</p> <p>Select a representative measurement location where swirling flow or abnormal velocity distributions due to upstream and downstream disturbances at the point of measurement are minimized.</p>
Pressure	<p>±5 percent over the normal range measured or 0.12 kilopascals (0.5 inches of water column), whichever is greater.</p>	<p>Review pressure sensor readings at least once a week for straight-line (unchanging) pressure and perform corrective action to ensure proper pressure sensor operation if blockage is indicated.</p> <p>Performance evaluation annually and following any period of more than 24 hours throughout which the pressure exceeded the maximum rated pressure of the sensor, or the data recorder was off scale. Checks of all mechanical connections for leakage monthly. Visual inspection of all components for integrity, oxidation and galvanic corrosion every 3 months, unless the system has a redundant pressure sensor.</p> <p>Select a representative measurement location that minimizes or eliminates pulsating pressure, vibration, and internal and external corrosion.</p>
Net Heating Value by Calorimeter	<p>±2 percent of span</p>	<p>Calibration requirements should follow manufacturer’s recommendations at a minimum. Temperature control (heated and/or cooled as necessary) the sampling system to ensure proper year-round operation.</p> <p>Where feasible, select a sampling location at least two equivalent diameters downstream from and 0.5 equivalent diameters upstream from the nearest disturbance. Select the sampling location at least two equivalent duct diameters from the nearest control device, point of pollutant generation, air in leakages, or other point at which a change in the pollutant concentration or emission rate occurs.</p>
Net Heating Value by Gas Chromatograph	<p>As specified in Performance Specification 9 of 40 CFR part 60 Appendix B.</p>	<p>Follow the procedure in Performance Specification 9 of 40 CFR Part 60 Appendix B, except that a single daily mid-level calibration check can be used, a triplicate mid-level check weekly, and the multi-point calibration can be conducted quarterly (rather than monthly), and the sampling line temperature must be maintained at a minimum temperature of 60 °C (rather than 120 °C).</p>

APPENDIX 3 — Acronyms and Abbreviations

The AMOC uses multiple acronyms and terms, defined here (please note this list is not exhaustive):

AMEL	alternative means of emission limitation
AMOC	Alternate Method of Compliance or Control
Btu/scf	British thermal units per standard cubic foot
CAA	Clean Air Act
CBI	confidential business information
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
EPN	Emission Point Number
Eqn	equation
HAP	hazardous air pollutants
HP	high pressure
LFL	lower flammability limit
<i>LFLcz</i>	lower flammability limit of combustion zone gas
<i>LFLvg</i>	lower flammability limit of flare vent gas
MPGF	multi-point ground flares
MSS	planned maintenance, start-ups and shut-downs
NESHAP	National Emission Standards for Hazardous Air Pollutants
NHV	net heating value
<i>NHVcz</i>	net heating value of combustion zone gas
<i>NHVvg</i>	net heating value of flare vent gas
NSPS	New Source Performance Standards
OAQPS	Office of Air Quality Planning and Standards
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
scf	standard cubic feet
VOC	volatile organic compounds

Ruben I. Velasquez, P.E.
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Suite 500
Austin, TX 78758

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Telephone: +1 512 327 6840

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Texas Commission on Environmental Quality

Title V Existing

2878

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	FREEPORT LNG REGAS FACILITY AND LNG LIQUEFACTION PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1500 LAMAR ST
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	95.3175
Primary SIC Code	4925
Secondary SIC Code	
Primary NAICS Code	221210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN103196689
What is the name of the Regulated Entity (RE)?	FREEPORT LNG LIQUEFACTION PLANT
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	Corner of Lamar and Cortez Streets
City	QUINTANA
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.926944
Longitude (W) (-###.#####)	-95.3175
Facility NAICS Code	
What is the primary business of this entity?	LIQUIFIED NATURAL GAS LNG

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601720345
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Freeport LNG Development, L.P.
Texas SOS Filing Number	800125153
Federal Tax ID	
State Franchise Tax ID	12700304111
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	21-100
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	FREEPORT LNG DEVELOPMENT LP
Prefix	MR
First	MARK
Middle	
Last	MALLETT
Suffix	PE
Credentials	
Title	SENIOR VICE PRESIDENT OPERATIONS AND PROJECTS
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	333 CLAY ST STE 5050
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77002
Phone (###-###-####)	7139802888
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7139802903
E-mail	mmallett@freeportlng.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	Freeport LNG Development LP
Prefix	MR
First	Michael
Middle	
Last	Stephenson
Suffix	
Credentials	
Title	Director of Regulatory Affairs
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if	1500 LAMAR ST

applicable)	
Routing (such as Mail Code, Dept., or Attn:)	
City	QUINTANA
State	TX
Zip	77541
Phone (###-###-####)	9794158728
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mstephenson@freeporling.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	New Contact
Organization Name	AtkinsRealis
Prefix	MR
First	Ruben
Middle	
Last	Velasquez
Suffix	
Credentials	
Title	Senior Engineer - Air Quality
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	11801 DOMAIN BLVD
Routing (such as Mail Code, Dept., or Attn:)	Suite 500
City	AUSTIN
State	TX
ZIP	78758
Phone (###-###-####)	5123423395
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Ruben.Velasquez@atkinsrealis.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	28 Deg 55 Min 37 Sec
3) Permit Longitude Coordinate:	95 Deg 19 Min 3 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Renewal
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

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

[File Properties]

File Name

</ePermitsExternal/faces/file?fileId=179218>>FLNG Liquefaction-Terminal (RN103196689) TV Renewal App (CP4R1) to TCEQ 20240122.pdf

Hash

8F228CAEE4EEEEAD919DB9A03D3EAFD19A432503F23F356122091A1E3C7D1B6

MIME-Type

application/pdf

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

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

1. I am Michael W Stephenson, the owner of the STEERS account ER029146.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 2878.
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: Michael W Stephenson OWNER OPERATOR

Account Number:	ER029146
Signature IP Address:	163.116.253.39
Signature Date:	2024-01-22
Signature Hash:	E6EC09E9C4D94554EEEF05BDD41A34C13706BF7C21BC622B612812478A0C429
Form Hash Code at time of Signature:	AAE90496F6B459EF195CCFA996C1611B66DD494B4EDA92A83A0CE4C6107CE3FA

Submission

Reference Number:	The application reference number is 619122
Submitted by:	The application was submitted by ER029146/Michael W Stephenson
Submitted Timestamp:	The application was submitted on 2024-01-22 at 13:52:54 CST
Submitted From:	The application was submitted from IP address 163.116.253.39
Confirmation Number:	The confirmation number is 512326
Steers Version:	The STEERS version is 6.73
Permit Number:	The permit number is 2878

Additional Information

Application Creator: This account was created by Ruben I Velasquez PE