

## Texas Commission on Environmental Quality

Title V Existing

2065

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	LAMAR POWER PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3205 FARM ROAD 137
City	PARIS
State	TX
ZIP	75460
County	LAMAR
Latitude (N) (##.#####)	33.630833
Longitude (W) (-###.#####)	95.59
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	221112
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100218882
What is the name of the Regulated Entity (RE)?	LAMAR POWER PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3205 FARM ROAD 137
City	PARIS
State	TX
ZIP	75460
County	LAMAR
Latitude (N) (##.#####)	33.630833
Longitude (W) (-###.#####)	-95.59
Facility NAICS Code	
What is the primary business of this entity?	ELECTRIC GENERATING STATION

### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603256413
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Luminant Generation Company LLC
Texas SOS Filing Number	800881216
Federal Tax ID	752967820
State Franchise Tax ID	17529678207
State Sales Tax ID	

Local Tax ID	
DUNS Number	102247793
Number of Employees	501+
Independently Owned and Operated?	Yes

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MS
First	RENEE
Middle	
Last	COLLINS
Suffix	
Credentials	
Title	SR DIRECTOR ENVIRONMENTAL SERVICES
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75039
Phone (###-###-####)	2148758338
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2148758699
E-mail	renee.collins@luminant.com

## Designated Representative Contact

Person TCEQ should contact for questions about this application:

Select existing DR contact or enter a new contact.	CYNTHIA VODOPIVEC(VISTRA CORP... )
Organization Name	VISTRA CORP
Prefix	MS
First	CYNTHIA
Middle	
Last	VODOPIVEC
Suffix	
Credentials	
Title	SVP ENVIRONMENTAL HEALTH AND SAFETY
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic

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

750 WORCESTER ST

INDIAN ORCHARD

MA

01151

2148122050

cynthia.vodopivec@vistracorp.com

## Alternate Designated Representative Contact

Person TCEQ should contact for questions about this application:

Select existing ADR 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

RENEE COLLINS(LUMINANT GENERA... )

LUMINANT GENERATION COMPANY LLC

MS

RENEE

COLLINS

SR DIRECTOR ENVIRONMENTAL SERVICES

Domestic

6555 SIERRA DR

IRVING

TX

75039

2148758338

2148758699

renee.collins@luminant.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

RODERICK HARGER(LUMINANT GENERA... )

LUMINANT GENERATION COMPANY LLC

MR

RODERICK

Last	HARGER
Suffix	PE
Credentials	
Title	ENVIRONMENTAL SPECIALIST
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75039
Phone (###-###-####)	9725070184
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	roderick.harger@vistracorp.com

## Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	33 Deg 37 Min 51 Sec
3) Permit Longitude Coordinate:	95 Deg 35 Min 24 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.	2065-36337
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	Yes
5.1. Who will electronically sign the Acid Rain Program or Cross-State Air Pollution Rule portion of this application?	Alternate Designated Representative

## 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	<a href=/ePermitsExternal/faces/file?fileId=231292>Luminant Generation Company LLC_Permit O2065_Project 36337_Application Updates.pdf</a>
Hash	D9023817C248C99AB6BFB50B04CA705C42ACF3C69F3F4C83A970E6EB9846A116
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 Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

- 1. I am Renee A Collins, the owner of the STEERS account ER009906.
- 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 2065.
- 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: Renee A Collins OWNER OPERATOR

Account Number:	ER009906
Signature IP Address:	170.85.101.21
Signature Date:	2024-12-23
Signature Hash:	C054B86EFF9FA3A702F8C5347E92C8C6812644B3C9744A7B0A0A461E7603A9F2
Form Hash Code at time of Signature:	4CE0160FE44E057DB67117215FA9A35B148956E5E07074D6E57A5E232AD6B470

Certification

I certify that I am the Alternate Designated Representative for this application and am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

- 1. I am Renee A Collins, the owner of the STEERS account ER009906.
- 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.
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- 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: Renee A Collins OWNER OPERATOR

Account Number:	ER009906
Signature IP Address:	170.85.101.21
Signature Date:	2024-12-23
Signature Hash:	C054B86EFF9FA3A702F8C5347E92C8C6812644B3C9744A7B0A0A461E7603A9F2
Form Hash Code at time of Signature:	4CE0160FE44E057DB67117215FA9A35B148956E5E07074D6E57A5E232AD6B470

Submission

Reference Number:	The application reference number is 734467
Submitted by:	The application was submitted by ER009906/Renee A Collins
Submitted Timestamp:	The application was submitted on 2024-12-23 at 07:57:04 CST
Submitted From:	The application was submitted from IP address 170.85.101.21
Confirmation Number:	The confirmation number is 606349
Steers Version:	The STEERS version is 6.84
Permit Number:	The permit number is 2065

Additional Information

Application Creator: This account was created by Roderick Harger



**Renee Collins**  
Sr. Director, Environmental Services  
Renee.Collins@luminant.com

**Luminant Generation Company, LLC**  
6555 Sierra Drive  
Irving, Texas 75039

T 214-875-8338

December 23, 2024

electronic submittal via TCEQ STEERS

Mr. Tusar Swami, P.E.  
Texas Commission on Environmental Quality  
Air Permits Division, MC 163  
12100 Park 35 Circle  
Austin, TX 78753

**RE:   Renewal Application Updates  
      Federal Operating Permit No. O2065  
      TCEQ Title V Project No. 36337  
      Luminant Generation Company LLC, CN603256413  
      Lamar Power Plant, RN100218882, LA-0182-R**

Dear Mr. Swami:

Luminant Generation Company LLC (Luminant) hereby submits the attached updates to the application to renew and revise Federal Operating Permit No. O2065 for the Lamar Power Plant located in Lamar County, Texas. These updates were previously submitted via email and are now being resubmitted and certified via STEERS.

If you have questions regarding these updates, please contact Mr. Roderick "Ryker" Harger, P.E., of Luminant Environmental Services at (972) 507-0184.

Best regards,

*electronic signature submitted via TCEQ STEERS*

Renee Collins

Enclosure

cc:    Ms. Michelle Baetz, Air Section Manager, TCEQ Region 5, Tyler  
      U.S. Environmental Protection Agency, Region 6, Air Permits Section (via email)

RENEWAL APPLICATION UPDATES SUBMITTED ON 10/24/2024

FEDERAL OPERATING PERMIT No. O2065

LAMAR POWER PLANT (RN100218882)

LUMINANT GENERATION COMPANY LLC (CN603256413)



## Harger, Ryker

---

**From:** Harger, Ryker  
**Sent:** Thursday, October 24, 2024 4:11 PM  
**To:** Tusar Swami  
**Cc:** Collins, Renee; Barnes, Paul; Whitaker, Josh  
**Subject:** RE: Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Respond by October 28, 2024

Tusar,

Thank you. We accept the WDP.

In response to your question, Luminant maintains that the recent upgrades to combustion turbine components discussed in this renewal application (for Unit ID Nos. CTG-3 and CTG-4) and our 2023 minor revision application (for Unit ID Nos. CTG-1 and CTG-2) meet the definition of “modification” under 40 CFR Part 60. Stationary combustion turbines constructed, reconstructed, or modified after February 18, 2005, are subject to 40 CFR Part 60 Subpart KKKK. §60.4305(b) says that stationary combustion turbines regulated under subpart KKKK are exempt from the requirements of subpart GG. Form OP-UA11 instructions direct us to fill out Table 1 (regarding Subpart GG) only for turbines that commenced construction, reconstruction, or modification prior to February 18, 2005. We believe our application representations and the inclusion of Subpart KKKK requirements in the Title V permit are explanation enough for why Subpart GG no longer applies. Therefore, we do not request adding these details to the permit shield at this time.

Please let me know if you have any further questions or concerns.

Regards,

Roderick “Ryker” Harger, PE | [Vistra](#) | Environmental Specialist Sr. | office: 972-507-0184 | cell: 970-576-5886

---

**From:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Sent:** Thursday, October 17, 2024 11:26 AM  
**To:** Harger, Ryker <Roderick.Harger@vistracorp.com>  
**Cc:** Collins, Renee <Renee.Collins@luminant.com>  
**Subject:** Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Respond by October 28, 2024

### EXTERNAL EMAIL

Ryker:

Good Morning. I have conducted a technical review of *renewal* application for Luminant Generation Company/Lamar Power Plant. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application dated February 16, and any updates provided on April 22, 2024.

Please review the WDP and submit to me any comments you have on the working draft permit by **October 28, 2024**.

Need clarification for the following : Why did 40 CFR Part 60, Subpart GG no more applicable to GRP-CTG. It may be good idea to put this in an OP-REQ2 with a citation a clearly stated language.

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

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

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. A quick acknowledgement to this email will be very much appreciated. Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

RENEWAL APPLICATION UPDATES SUBMITTED ON 12/20/2024

FEDERAL OPERATING PERMIT No. O2065

LAMAR POWER PLANT (RN100218882)

LUMINANT GENERATION COMPANY LLC (CN603256413)

## Harger, Ryker

---

**From:** Harger, Ryker  
**Sent:** Friday, December 20, 2024 10:52 AM  
**To:** Tusar Swami  
**Cc:** Collins, Renee; Barnes, Paul; Whitaker, Josh  
**Subject:** RE: Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Request updated OP-PBRSUP 12/20/2024  
**Attachments:** Luminant Generation Company LLC\_Permit O2065\_Revised Form OP-PBRSUP.pdf

Tusar,

Thanks for catching that error. Please see the revised Form OP-PBRSUP attached. Please note that our Responsible Official will not be available to certify these and previous application updates until January due to holiday schedules.

Regards,

Roderick "Ryker" Harger, PE | [Vistra](#) | Environmental Specialist Sr. | office: 972-507-0184 | cell: 970-576-5886

---

**From:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Sent:** Tuesday, December 17, 2024 5:15 PM  
**To:** Harger, Ryker <Roderick.Harger@vistracorp.com>  
**Cc:** Collins, Renee <Renee.Collins@luminant.com>; Barnes, Paul <Paul.Barnes@luminant.com>; Whitaker, Josh <Josh.Whitaker@luminant.com>  
**Subject:** RE: Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Request updated OP-PBRSUP 12/20/2024

### EXTERNAL EMAIL

Ryker:

Good Afternoon. We noticed a miss in the in OP-PBRSUP (dated 02/16/2024 – see attached). Apparently ENG-2 (in Table B) was missing from the Table D advertently. As all units in Table A and Table B should be in Table D. Please resubmit all OP-PBRSUP (all 4 Tables) with a new date. If you can submit it by 12/20<sup>th</sup> it will be very much appreciated. PNAP is expected to go out very soon.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality  
OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753  
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087  
Phone: 512/239-1581 Fax: 512/239-1400  
Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

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**Sent:** Thursday, October 24, 2024 4:11 PM

**To:** Tusar Swami <[tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)>

**Cc:** Collins, Renee <[Renee.Collins@luminant.com](mailto:Renee.Collins@luminant.com)>; Barnes, Paul <[Paul.Barnes@luminant.com](mailto:Paul.Barnes@luminant.com)>; Whitaker, Josh <[Josh.Whitaker@luminant.com](mailto:Josh.Whitaker@luminant.com)>

**Subject:** RE: Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Respond by October 28, 2024

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Regards,

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**To:** Harger, Ryker <[Roderick.Harger@vistracorp.com](mailto:Roderick.Harger@vistracorp.com)>

**Cc:** Collins, Renee <[Renee.Collins@luminant.com](mailto:Renee.Collins@luminant.com)>

**Subject:** Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Respond by October 28, 2024

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Please review the WDP and submit to me any comments you have on the working draft permit by **October 28, 2024**.

Need clarification for the following : Why did 40 CFR Part 60, Subpart GG no more applicable to GRP-CTG. It may be good idea to put this in an OP-REQ2 with a citation a clearly stated language.

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

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

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. A quick acknowledgement to this email will be very much appreciated. Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

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

Date	Permit Number	Regulated Entity Number
12/20/2024	O2065	RN100218882

Unit ID No.	Registration No.	PBR No.	Registration Date
COND-TK	80909	106.473	02/28/2007

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

Date	Permit Number	Regulated Entity Number
12/20/2024	O2065	RN100218882

Unit ID No.	PBR No.	Version No./Date
SW-SBW	106.227	09/04/2000
SW-MSS	106.263	11/01/2001
SW-REF	106.373	09/04/2000
WASHER	106.454	11/01/2001
OWS	106.532	09/04/2000
ENG-1	106.511	09/04/2000
ENG-2	106.511	09/04/2000
TK-ENG1	106.472	09/04/2000
TK-ENG2	106.472	09/04/2000
NAOCL-TK	106.532	09/04/2000
H2SO4-TK	106.532	09/04/2000
CI-TK	106.532	09/04/2000



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

Date	Permit Number	Regulated Entity Number
12/20/2024	O2065	RN100218882

PBR No.	Version No./Date
106.102	09/04/2000
106.122	09/04/2000
106.266	09/04/2000
106.372	09/04/2000

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

Date	Permit Number	Regulated Entity Number
12/20/2024	O2065	RN100218882

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
COND-TK	106.473	80909	Estimate maximum possible emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep records of the material stored and volume removed from the tank per event. Compliance is demonstrated if the volume removed is less than 48,000 gallons per year and less than 20,000 gallons per day averaged over any consecutive 30-day period.
SW-SBW	106.227	09/04/2000	Estimate maximum emission rates using emission factors in AP-42 Tables 12.19-1 and 12.19-2 and an estimated maximum material usage rate. Keep records of the quantity of soldering, welding, and brazing materials purchased to demonstrate that actual material usage is less than the estimated maximum material usage rate.
SW-MSS	106.263	11/01/2001	Keep the records required by §106.263(g). Once each month, sum 12-month rolling emissions for each pollutant to demonstrate compliance with the emission limits in §106.4.
SW-REF	106.373	09/04/2000	Keep records of refrigerants used.
WASHER	106.454	11/01/2001	Keep monthly records of total solvent makeup (gross usage minus waste disposal).
OWS	106.532	09/04/2000	Estimate maximum possible VOC emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep Safety Data Sheets of the material treated.
ENG-1	106.511	09/04/2000	Calculate maximum emissions of CO, NOx, PM, PM10, PM2.5, SO2, and VOC using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Record total hours of operation each month.

TCEQ-20875 (APD-ID 102v1, revised 05/22) OP-PBRSUP  
This form for use by facilities subject to air quality permit requirements and  
may be revised periodically (Title V IMS Release 05/20)

Form OP-PBRSUP Page 4 of 5

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

Date	Permit Number	Regulated Entity Number
12/20/2024	O2065	RN100218882

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
<b><u>ENG-2</u></b> <b>[ADD ROW]</b>	<b><u>106.511</u></b>	<b><u>09/04/2000</u></b>	<b><u>Calculate maximum emissions of CO, NOx, PM, PM10, PM2.5, SO2, and VOC using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Record total hours of operation each month.</u></b>
TK-ENG1	106.472	09/04/2000	Estimate maximum possible emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep records of the material stored. No visible emissions monitoring is needed because the material stored is diesel.
TK-ENG2	106.472	09/04/2000	Estimate maximum possible emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep records of the material stored. No visible emissions monitoring is needed because the material stored is diesel.
NAOCL-TK	106.532	09/04/2000	Keep records of the material stored.
H2SO4-TK	106.532	09/04/2000	Keep records of the material stored.
CI-TK	106.532	09/04/2000	Keep records of the material stored.

**From:** Harger, Ryker <Roderick.Harger@vistracorp.com>  
**Sent:** Thursday, October 24, 2024 4:11 PM  
**To:** Tusar Swami  
**Cc:** Collins, Renee; Barnes, Paul; Whitaker, Josh  
**Subject:** RE: Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Respond by October 28, 2024

Tusar,

Thank you. We accept the WDP.

In response to your question, Luminant maintains that the recent upgrades to combustion turbine components discussed in this renewal application (for Unit ID Nos. CTG-3 and CTG-4) and our 2023 minor revision application (for Unit ID Nos. CTG-1 and CTG-2) meet the definition of “modification” under 40 CFR Part 60. Stationary combustion turbines constructed, reconstructed, or modified after February 18, 2005, are subject to 40 CFR Part 60 Subpart KKKK. §60.4305(b) says that stationary combustion turbines regulated under subpart KKKK are exempt from the requirements of subpart GG. Form OP-UA11 instructions direct us to fill out Table 1 (regarding Subpart GG) only for turbines that commenced construction, reconstruction, or modification prior to February 18, 2005. We believe our application representations and the inclusion of Subpart KKKK requirements in the Title V permit are explanation enough for why Subpart GG no longer applies. Therefore, we do not request adding these details to the permit shield at this time.

Please let me know if you have any further questions or concerns.

Regards,

Roderick “Ryker” Harger, PE | [Vistra](#) | Environmental Specialist Sr. | office: 972-507-0184 | cell: 970-576-5886

---

**From:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Sent:** Thursday, October 17, 2024 11:26 AM  
**To:** Harger, Ryker <Roderick.Harger@vistracorp.com>  
**Cc:** Collins, Renee <Renee.Collins@luminant.com>  
**Subject:** Working Draft Permit -- FOP O2065/Project 36337, Luminant Generation Company/Lamar Power Plant - Respond by October 28, 2024

EXTERNAL EMAIL

Ryker:

Good Morning. I have conducted a technical review of *renewal* application for Luminant Generation Company/Lamar Power Plant. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application dated February 16, and any updates provided on April 22, 2024.

Please review the WDP and submit to me any comments you have on the working draft permit by **October 28, 2024**.

Need clarification for the following : Why did 40 CFR Part 60, Subpart GG no more applicable to GRP-CTG. It may be good idea to put this in an OP-REQ2 with a citation a clearly stated language.

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

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

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. A quick acknowledgement to this email will be very much appreciated. Thank you for your cooperation.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality  
OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

Regards,

Tusar Swami, P.E. (x1581)  
Permit Reviewer – Title V



**Renee Collins**  
Sr. Director, Environmental Services  
Renee.Collins@luminant.com

**Luminant Generation Company, LLC**  
6555 Sierra Drive  
Irving, Texas 75039

T 214-875-8338

April 22, 2024

electronic submittal via TCEQ STEERS

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

**RE:   Renewal Application Updates  
      Federal Operating Permit No. O2065  
      TCEQ Title V Project No. 36337  
      Lamar Power Plant, RN100218882, LA-0182-R  
      Luminant Generation Company LLC, CN603256413**

Dear Sir/Madam:

Luminant Generation Company LLC (Luminant) hereby submits the attached updates to the application for renewal of Federal Operating Permit No. O2065 for the Lamar Power Plant located in Lamar County, Texas.

In brief, these updates incorporate the amendment to Air Quality Permit No. 38326 issued on April 2, 2024, and update the applicable requirements for Unit ID Nos. CTG-3 and CTG-4 following Spring 2024 upgrades to combustion turbine components. Following these upgrades, Unit ID Nos. CTG-1, CTG-2, CTG-3, and CTG-4 will have identical unit attributes as listed on Forms OP-UA6 and OP-UA11. Therefore, Luminant proposes to group all four units together into Group ID No. GRP-CTG and delete Group ID No. GRP-CTG1&2.

If you have questions regarding this submittal, please contact Mr. Roderick "Ryker" Harger, P.E., of Luminant Environmental Services at (972) 507-0184.

Best regards,

*electronic signature submitted via TCEQ STEERS*

Renee Collins

Enclosure

cc:   Ms. Michelle Baetz, Air Section Manager, TCEQ Region 5, Tyler  
      U.S. Environmental Protection Agency, Region 6, Air Permits Section (via email)

## Texas Commission on Environmental Quality

Title V Existing

2065

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	LAMAR POWER PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3205 FARM ROAD 137
City	PARIS
State	TX
ZIP	75460
County	LAMAR
Latitude (N) (##.#####)	33.630833
Longitude (W) (-###.#####)	95.59
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	221112
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100218882
What is the name of the Regulated Entity (RE)?	LAMAR POWER PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3205 FARM ROAD 137
City	PARIS
State	TX
ZIP	75460
County	LAMAR
Latitude (N) (##.#####)	33.630833
Longitude (W) (-###.#####)	-95.59
Facility NAICS Code	
What is the primary business of this entity?	ELECTRIC GENERATING STATION

### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603256413
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Luminant Generation Company LLC
Texas SOS Filing Number	800881216
Federal Tax ID	752967820
State Franchise Tax ID	17529678207
State Sales Tax ID	



Local Tax ID	
DUNS Number	102247793
Number of Employees	501+
Independently Owned and Operated?	Yes

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MS
First	RENEE
Middle	
Last	COLLINS
Suffix	
Credentials	
Title	SR DIRECTOR ENVIRONMENTAL SERVICES
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75039
Phone (###-###-####)	2148758338
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2148758699
E-mail	renee.collins@luminant.com

## Designated Representative Contact

Person TCEQ should contact for questions about this application:

Select existing DR contact or enter a new contact.	CYNTHIA VODOPIVEC(VISTRA CORP... )
Organization Name	VISTRA CORP
Prefix	MS
First	CYNTHIA
Middle	
Last	VODOPIVEC
Suffix	
Credentials	
Title	SVP ENVIRONMENTAL HEALTH AND SAFETY
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if	750 WORCESTER ST

applicable)	
Routing (such as Mail Code, Dept., or Attn:)	
City	INDIAN ORCHARD
State	MA
Zip	01151
Phone (###-###-####)	2148122050
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cynthia.vodopivec@vistracorp.com

## Alternate Designated Representative Contact

Person TCEQ should contact for questions about this application:	
Select existing ADR contact or enter a new contact.	RENEE COLLINS(LUMINANT GENERA... )
Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MS
First	RENEE
Middle	
Last	COLLINS
Suffix	
Credentials	
Title	SR DIRECTOR ENVIRONMENTAL SERVICES
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
Zip	75039
Phone (###-###-####)	2148758338
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2148758699
E-mail	renee.collins@luminant.com

## Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	RODERICK HARGER(LUMINANT GENERA... )
Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MR
First	RODERICK
Middle	
Last	HARGER

Suffix	PE
Credentials	
Title	ENVIRONMENTAL SPECIALIST SR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75039
Phone (###-###-####)	9725070184
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	roderick.harger@vistracorp.com

## Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	33 Deg 37 Min 51 Sec
3) Permit Longitude Coordinate:	95 Deg 35 Min 24 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.	2065-36337
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	Yes
5.1. Who will electronically sign the Acid Rain Program or Cross-State Air Pollution Rule portion of this application?	Alternate Designated Representative

## Title V Attachments Existing

Attach OP-1 (Site Information Summary)	
Attach OP-2 (Application for Permit Revision/Renewal)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=193066>OP_2_20240422_O2065_OP-2.pdf</a>
Hash	79E7E4359FDFB9E20608E022DA94138BA1EAA21E13FFD5F3DC83271FBA5DE8A0
MIME-Type	application/pdf
Attach OP-ACPS (Application Compliance Plan and Schedule)	
Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=193069>OP_REQ1_20240422_O2065_OP-REQ1.pdf</a>

Hash 042069F57A2815FBD2481B089ACF9A56CB5A3BAECACC820A31F52DF80E21C348  
MIME-Type application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=193070>OP\_REQ3\_20240422\_O2065\_OP-REQ3.pdf</a>

Hash BE881099E5C0FDB18890A189F15F46D803C741EEC3DC9A7DF3113AB9A6E37766  
MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=193071>OP\_SUMR\_20240422\_O2065\_OP-SUMR.pdf</a>

Hash 614CB008753AB6C08D1257D1813ECE60F6AEB08F5DC952AF4C3634DB5507B65  
MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=193072>OP\_MON\_20240422\_O2065\_OP-MON.pdf</a>

Hash 39010B8E3FAA13D97C82AB66BA399B42E8415B8B920930BA5D0B18F693A6DAF4  
MIME-Type application/pdf

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=193073>20240422\_O2065\_OP-UA6\_and\_OP-UA11.pdf</a>

Hash E7D401CA37F7BFF8B51875EC651524D30E2C2F627865B7D8C3D1653A42D59415  
MIME-Type application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=193074>20240422\_O2065\_Revised\_MNSRST.pdf</a>

Hash 54870BE95A167080767A45B902530E10C46F06B97BEECAE6585BF5A7A3AD2212

MIME-Type

application/pdf

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

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=193060>20240422\_O2065\_Transmittal\_Letter.pdf</a>

Hash

63CF1A03AC5E542436B1BF7C9B1AD24FAC6FC6FB30783693FFCE3E6C3A881B61

MIME-Type

application/pdf

## Certification

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

1. I am Renee A Collins, the owner of the STEERS account ER009906.
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 2065.
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: Renee A Collins OWNER OPERATOR

Account Number:

ER009906

Signature IP Address:

136.226.100.165

Signature Date:

2024-04-22

Signature Hash:

9332F35233C8B240C6A8B348B1D228B46A82A6AED6E22D27837D8861BA9B1C34

Form Hash Code at  
time of Signature:

67D7A0A935553D1BECE0B986C47525B9A58A2FC6BBA9DF94E6C9BCE527DB9F40

## Certification

I certify that I am the Alternate Designated Representative for this application and am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

1. I am Renee A Collins, the owner of the STEERS account ER009906.
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 2065.
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: Renee A Collins OWNER OPERATOR

Account Number:	ER009906
Signature IP Address:	136.226.100.165
Signature Date:	2024-04-22
Signature Hash:	9332F35233C8B240C6A8B348B1D228B46A82A6AED6E22D27837D8861BA9B1C34
Form Hash Code at time of Signature:	67D7A0A935553D1BECE0B986C47525B9A58A2FC6BBA9DF94E6C9BCE527DB9F40

Submission

Reference Number:	The application reference number is 649195
Submitted by:	The application was submitted by ER009906/Renee A Collins
Submitted Timestamp:	The application was submitted on 2024-04-22 at 14:54:59 CDT
Submitted From:	The application was submitted from IP address 136.226.100.165
Confirmation Number:	The confirmation number is 536184
Steers Version:	The STEERS version is 6.73
Permit Number:	The permit number is 2065

Additional Information

Application Creator: This account was created by Roderick Harger

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

Date: 04/22/2024
Permit No.: O2065
Regulated Entity No.: RN100218882
Company Name: Luminant Generation Company LLC

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

<b><i>ADDITIONS TO FORM OP-2 DATED 02/16/2024</i></b>						
<b>Revision No.</b>	<b>Revision Code</b>	<b>New Unit</b>	<b>Unit/Group/ Process ID No.</b>	<b>Applicable Form</b>	<b>NSR Authorization</b>	<b>Description of Change and Provisional Terms and Conditions</b>
29	MS-A	NO	N/A	OP-REQ1	38326	Incorporate the amendment to Air Quality Permit No. 38326 (Permit 38326) issued on 04/02/2024 (TCEQ NSR Project No. 368482). This revision is reflected on the enclosed Form OP-REQ1 Section XII and updated Major New Source Review Summary Table. Luminant Generation Company LLC (Luminant) will comply with the requirements of Permit 38326 and 30 TAC Chapter 116 as provisional terms and conditions of Federal Operating Permit No. O2065 (FOP O2065).
30	MS-C	NO	CTG-1	OP-UA6	N/A	Remove this unit from Group ID No. GRP-CTG1&2 and add it to Group ID No. GRP-CTG. This change is reflected on Form OP-SUMR.
31	MS-C	NO	CTG-2	OP-UA6	N/A	Same as Revision No. 30 above.
32	MS-C	NO	CTG-1	OP-UA11	N/A	Same as Revision No. 30 above.
33	MS-C	NO	CTG-2	OP-UA11	N/A	Same as Revision No. 30 above.

TCEQ-10059 (APDG 5722v26, revised 03/22) OP-2  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

Form OP-2 Page 1 of 3

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

Date: 04/22/2024
Permit No.: O2065
Regulated Entity No.: RN100218882
Company Name: Luminant Generation Company LLC

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

<b><i>ADDITIONS TO FORM OP-2 DATED 02/16/2024</i></b>						
<b>Revision No.</b>	<b>Revision Code</b>	<b>New Unit</b>	<b>Unit/Group/ Process ID No.</b>	<b>Applicable Form</b>	<b>NSR Authorization</b>	<b>Description of Change and Provisional Terms and Conditions</b>
34	MS-C	NO	GRP-CTG1&2	OP-UA6	N/A	Remove Group ID No. GRP-CTG1&2 from FOP O2065.
35	MS-C	NO	GRP-CTG1&2	OP-UA11	N/A	Same as Revision No. 34 above.
36	MS-C	NO	GRP-CTG	OP-UA6	38326	Update unit attributes and remove the requirements of Title 40 Code of Federal Regulations Part 60 (40 CFR 60) Subpart Db. Following Spring 2024 upgrades to combined cycle unit components on Unit ID Nos. CTG-3 and CTG-4, the requirements of 40 CFR 60 Subpart KKKK will apply to all units in Group ID No. GRP-CTG, and 40 CFR 60 Subpart Db will no longer apply to any units at the site. This revision is reflected on Form OP-UA6. Luminant will comply with the requirements referenced in form OP-REQ3 as provisional terms and conditions of FOP O2065.



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

Date: 04/22/2024
Permit No.: O2065
Regulated Entity No.: RN100218882
Company Name: Luminant Generation Company LLC

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

<b><i>ADDITIONS TO FORM OP-2 DATED 02/16/2024</i></b>						
<b>Revision No.</b>	<b>Revision Code</b>	<b>New Unit</b>	<b>Unit/Group/ Process ID No.</b>	<b>Applicable Form</b>	<b>NSR Authorization</b>	<b>Description of Change and Provisional Terms and Conditions</b>
37	MS-C	NO	GRP-CTG	OP-UA11	38326	Update unit attributes, remove the requirements of 40 CFR 60 Subpart GG, and incorporate the requirements of 40 CFR 60 Subpart KKKK. Following Spring 2024 upgrades to combined cycle unit components on Unit ID Nos. CTG-3 and CTG-4, the requirements of 40 CFR 60 Subpart KKKK will apply to all units in Group ID No. GRP-CTG, and 40 CFR 60 Subpart GG will no longer apply to any units at the site. This revision is reflected on Form OP-UA11 and Form OP-MON. Luminant will comply with the requirements referenced in form OP-REQ3 as provisional terms and conditions of FOP O2065.

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

Date:	04/22/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

<b>Form OP-REQ1: Page 87</b>			
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>			
<b>E. PSD Permits and PSD Major Pollutants</b>			
PSD Permit No.: PSDTX916	Issuance Date: <del>02/27/2023</del> 04/02/2024	Pollutant(s): Pollutant(s): CO, NO <sub>x</sub> , PM <sub>10</sub> , SO <sub>2</sub> , VOC	
If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a> .			
<b>F. Nonattainment (NA) Permits and NA Major Pollutants</b>			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a> .			
<b>G. NSR Authorizations with FCAA § 112(g) Requirements</b>			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
<b>◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area</b>			
Authorization No.: 38326	Issuance Date: <del>02/27/2023</del> 04/02/2024	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

**Table 1a: Additions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
37	GRP-CTG	OP-UA11	60KKKK-01	NOX	NSPS KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4320(b) § 60.4333(a) § 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345
37	GRP-CTG	OP-UA11	60KKKK-01	SO2	NSPS KKKK	§ 60.4330(a)(2) § 60.4333(a)

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

**Table 1b: Additions**

<b>Date:</b> 04/22/2024	<b>Regulated Entity No.:</b> RN100218882	<b>Permit No.:</b> O2065
<b>Company Name:</b> Luminant Generation Company LLC	<b>Area Name:</b> Lamar Power Plant	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
37	GRP-CTG	60KKKK-01	NOX	§ 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(d) § 60.4350(e) § 60.4350(f) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(2) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4350(d) § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
37	GRP-CTG	60KKKK-01	SO2	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1)	§ 60.4365(b)	None

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

**Table 1a: Additions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
37	GRP-CTG	OP-UA11	60KKKK-02	NOX	NSPS KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4320(b) § 60.4333(a) § 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345
37	GRP-CTG	OP-UA11	60KKKK-02	SO2	NSPS KKKK	§ 60.4330(a)(2) § 60.4333(a)

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

**Table 1b: Additions**

<b>Date:</b> 04/22/2024	<b>Regulated Entity No.:</b> RN100218882	<b>Permit No.:</b> O2065
<b>Company Name:</b> Luminant Generation Company LLC	<b>Area Name:</b> Lamar Power Plant	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
37	GRP-CTG	60KKKK-02	NOX	§ 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(d) § 60.4350(e) § 60.4350(f) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(2) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4350(d) § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
37	GRP-CTG	60KKKK-02	SO2	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1)	§ 60.4365(b)	None

**Applicable Requirements Summary  
Form OP-REQ3 (Page 3)  
Federal Operating Permit Program**

**Table 2a: Deletions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
35	GRP-CTG1&2	OP-UA11	60KKKK-01	NOX	NSPS KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4320(b) § 60.4333(a) § 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345
35	GRP-CTG1&2	OP-UA11	60KKKK-01	SO2	NSPS KKKK	§ 60.4330(a)(2) § 60.4333(a)

**Applicable Requirements Summary  
Form OP-REQ3 (Page 4)  
Federal Operating Permit Program**

**Table 2b: Deletions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
35	GRP-CTG1&2	60KKKK-01	NOX	§ 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(d) § 60.4350(e) § 60.4350(f) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(2) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4350(d) § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
35	GRP-CTG1&2	60KKKK-01	SO2	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1)	§ 60.4365(b)	None



**Applicable Requirements Summary  
Form OP-REQ3 (Page 3)  
Federal Operating Permit Program**

**Table 2a: Deletions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
35	GRP-CTG1&2	OP-UA11	60KKKK-02	NOX	NSPS KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4320(b) § 60.4333(a) § 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345
35	GRP-CTG1&2	OP-UA11	60KKKK-02	SO2	NSPS KKKK	§ 60.4330(a)(2) § 60.4333(a)

**Applicable Requirements Summary  
Form OP-REQ3 (Page 4)  
Federal Operating Permit Program**

**Table 2b: Deletions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
35	GRP-CTG1&2	60KKKK-02	NOX	§ 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(d) § 60.4350(e) § 60.4350(f) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(2) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4350(d) § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
35	GRP-CTG1&2	60KKKK-02	SO2	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1)	§ 60.4365(b)	None

**Applicable Requirements Summary  
Form OP-REQ3 (Page 3)  
Federal Operating Permit Program**

**Table 2a: Deletions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>UPDATES TO FORM OP-REQ3 DATED 02/16/2024</b>						
<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
36	GRP-CTG	OP-UA6	60DB	SO2	NSPS Db	§ 60.40b(a)
36	GRP-CTG	OP-UA6	60DB	PM	NSPS Db	§ 60.40b(a)
36	GRP-CTG	OP-UA6	60DB	PM (OPACITY)	NSPS Db	§ 60.40b(a)
36	GRP-CTG	OP-UA6	60DB	NOX	NSPS Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a) § 60.48b(h)
37	GRP-CTG	OP-UA11	60GG	SO2	NSPS GG	§ 60.333(b)
37	GRP-CTG	OP-UA11	60GG	NOX	NSPS GG	§ 60.332(a)(1) § 60.332(a)(3)

**Applicable Requirements Summary  
Form OP-REQ3 (Page 4)  
Federal Operating Permit Program**

**Table 2b: Deletions**

<b>Date: 04/22/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

**UPDATES TO FORM OP-REQ3 DATED 02/16/2024**

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
36	GRP-CTG	OP-UA6	60DB	SO2	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
36	GRP-CTG	OP-UA6	60DB	PM	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
36	GRP-CTG	OP-UA6	60DB	PM (OPACITY)	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
36	GRP-CTG	OP-UA6	60DB	NOX	§ 60.46b(c) § 60.46b(f) [G]§ 60.46b(f)(1)	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b)
37	GRP-CTG	OP-UA11	60GG	SO2	§ 60.334(h) [G]§ 60.334(h)(3)	None	None
37	GRP-CTG	OP-UA11	60GG	NOX	[G]§ 60.335(a) § 60.335(b)(2) § 60.335(b)(3) ** See Periodic Monitoring Summary	None	None

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

**Table 2**

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
04/22/2024	O2065	RN100218882

<b>UPDATES TO FORM OP-SUMR TABLE 2 DATED 02/16/2024</b>				
<b>Revision No.</b>	<b>ID No.</b>	<b>Applicable Form</b>	<b>Group AI</b>	<b>Group ID No.</b>
30	CTG-1	OP-UA6	D	GRP-CTG1&2
30	CTG-1	OP-UA6	A	GRP-CTG
31	CTG-2	OP-UA6	D	GRP-CTG1&2
31	CTG-2	OP-UA6	A	GRP-CTG
	CTG-3	OP-UA6		GRP-CTG
	CTG-4	OP-UA6		GRP-CTG
32	CTG-1	OP-UA11	D	GRP-CTG1&2
32	CTG-1	OP-UA11	A	GRP-CTG
33	CTG-2	OP-UA11	D	GRP-CTG1&2
33	CTG-2	OP-UA11	A	GRP-CTG
	CTG-3	OP-UA11		GRP-CTG
	CTG-4	OP-UA11		GRP-CTG

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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

Form OP-SUMR Page 1 of 1

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

DATE: **04/22/2024**

<b>I. Identifying Information</b>		
Account No.: <b>LA-0182-R</b>	RN No.: <b>RN100218882</b>	CN: <b>CN603256413</b>
Permit No.: <b>O2065</b>	Project No.: <b>TBA</b>	
Area Name: <b>Lamar Power Plant</b>		
Company Name: <b>Luminant Generation Company LLC</b>		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: <b>37</b>		
Unit/EPN/Group/Process ID No.: <b>GRP-CTG</b>		
Applicable Form: <b>OP-UA11</b>		
<b>III. Applicable Regulatory Requirement</b>		
Name: <b>NSPS Subpart GG</b>		
SOP/GOP Index No.: <b>60GG</b>		
Pollutant: <b>NOX</b>		
Main Standard: <b>60.332(a)(1)</b>		
Monitoring Type: <b>PM</b>		
Unit Size:		
Deviation Limit: <b>Maximum NOx concentration shall not exceed 1.0 ppmv at 15% oxygen, dry basis</b>		
<b>IV. Control Device Information</b>		
Control Device ID No.:		
Device Type:		
<b>V. CAM Case-by-</b>		
<b>VI. Periodic Monitoring Case-by-case</b>		
Indicator: <b>NO<sub>x</sub> Concentration</b>	Minimum Frequency: <b>Four times per hour</b>	
Averaging Period: <b>4-hour rolling average</b>		
<p>Periodic Monitoring Text: <b>Use a continuous emissions monitoring system (CEMS) to measure and record the concentration on nitrogen oxides (NO<sub>x</sub>) and either oxygen (O<sub>2</sub>) or carbon dioxide (CO<sub>2</sub>) in the exhaust stream of the combustion turbine and duct burners. The CEMS shall meet the design and performance specifications, pass the field tests, and meet installation requirements and data analysis and reporting requirements specified in the applicable performance specifications in 40 CFR Part 75, Appendix A. It is not required to use either the missing data substitution methodology provided for at 40 CFR Part 75, Subpart D or the data bias adjustment methodology in Part 75. Only valid hourly data shall be used to calculate 4-hour rolling average concentrations. A 4-hour rolling average shall be valid only if at least 3 of the hourly average emission rates used in the calculation are valid hourly data. For any hour in which the hourly average O<sub>2</sub> concentration exceeds 19.0 percent, a diluent cap of 19.0 percent O<sub>2</sub> may be used in the emissions calculations, or as an alternative, for any hour in which the hourly average CO<sub>2</sub> concentration is less than 1.0 percent, a diluent cap of 1.0 percent CO<sub>2</sub> may be used in the emissions calculations.</b></p>		

TCEQ-10421 (APDG 5234v8, Revised 12/17) OP-MON  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 11/04)

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

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

<b>UPDATES TO FORM OP-UA6 DATED 02/16/2024</b>								
Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, or AAAA	Subpart KKKK	Subpart Cb or BBBB
GRP-CTG	60DB	97-05CR	100-250	NO	NO	NO	<del>NO</del> <u>YES</u>	<del>NO</del>
<del>GRP-CTG1&amp;2</del> <del>[DELETE ROW]</del>	<del>60DB</del>	<del>97-05CR</del>	<del>100-250</del>	<del>NO</del>	<del>NO</del>	<del>NO</del>	<del>YES</del>	

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

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA6 DATED 02/16/2024										
Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Subpart J	Subpart E	ACF Option SO <sub>2</sub>	ACF Option PM	ACF Option NO <sub>x</sub>
<del>GRP-CTG</del> [DELETE ROW]	<del>60DB</del>	<del>NG</del>				<del>NO</del>	<del>NO</del>	<del>OTHER</del>	<del>OTHER</del>	<del>OTHER</del>
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60DB</del>									



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

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

<b>UPDATES TO FORM OP-UA6 DATED 02/16/2024</b>											
Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	Steam with Electricity	Electricity Only	60.49 Da(n) Alternative	60.49 Da(m) Alternative
<del>GRP-CTG</del> [DELETE ROW]	<del>60DB</del>					<del>YES</del>	<del>NO</del>			<del>NO</del>	<del>NO</del>
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60DB</del>										

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

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA6 DATED 02/16/2024												
Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type Opacity	Monitoring Type NO <sub>x</sub>	Monitoring Type SO <sub>2</sub>	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
<del>GRP-CTG</del> [DELETE ROW]	<del>60DB</del>		<del>NONE</del>	<del>NONE</del>	<del>NONE</del>	<del>NONE</del>	<del>NONE</del>	<del>DCTBRN1</del>				
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60DB</del>											

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart GG: Stationary Gas Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA11 DATED 02/16/2024							
Unit ID No.	SOP/GOP Index No.	Peak Load Heat Input	Construction/Modification Date	Turbine Cycle	Subpart GG Service Type	Federal Register	Manufacturer's Rated Base Load
<del>GRP-CTG</del> [DELETE ROW]	<del>60GG</del>	<del>100+</del>	<del>82-04</del>	<del>COMB</del>	<del>ELCTRC</del>		

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 2)**  
**Federal Operating Permit Program**  
**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart GG: Stationary Gas Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA11 DATED 02/16/2024							
Unit ID No.	SOP/GOP Index No.	NO <sub>x</sub> Control Method	NO <sub>x</sub> Monitoring Method	Alternative Monitoring ID No.	Regulated Under Part 75	Turbine Combustion Process	CEMS Performance Evaluation
<del>GRP-CTG</del> <del>[DELETE ROW]</del>	<del>60GG</del>	<del>NONE</del>	<del>NONE</del>			<del>LNPMX</del>	

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 3)**  
**Federal Operating Permit Program**  
**Table 1c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart GG: Stationary Gas Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA11 DATED 02/16/2024								
Unit ID No.	SOP/GOP Index No.	Duct Burner	NO <sub>x</sub> Allowance	Sulfur Content	Fuel Type Fired	Fuel Supply	Fuel Monitoring Schedule	Custom Fuel Monitoring ID No.
<del>GRP-CTG</del> <del>[DELETE ROW]</del>	<del>60GG</del>	<del>YES</del>	<del>NO</del>	<del>YES</del>	<del>NG</del>	<del>NONE</del>	<del>331U</del>	

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 9)**  
**Federal Operating Permit Program**  
**Table 4a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**  
**Subchapter E, Division 1: Utility Electric Generation in East and Central Texas**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

<i>UPDATES TO FORM OP-UA11 DATED 02/16/2024</i>							
Unit ID No.	SOP Index No.	Date Placed in Service	Unit	NO <sub>x</sub> Emission Limitation	NO <sub>x</sub> Monitoring	Max Emission Rate	MW Rating
GRP-CTG	R7131	95+					
<b>GRP-CTG1&amp;2 [DELETE ROW]</b>	<b>R7131</b>	<b>95±</b>					

Stationary Turbine Attributes  
Form OP-UA11 (Page 12)  
Federal Operating Permit Program  
Table 6a: Title 40 Code of Federal Regulations (40 CFR Part 60)  
Subpart KKKK: Stationary Combustion Turbines  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA11 DATED 02/16/2024								
Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Heat Input	Subject to Da	Service Type	NO <sub>x</sub> Standard	Fuel Type
GRP-CTG	60KKKK-01	COMB	<del>2005-</del> <u>2005M</u>	<u>850+</u>	<u>NO</u>	<u>NOTER</u>	<u>NO</u>	<u>NGO</u>
<u>GRP-CTG</u> [ADD ROW]	<u>60KKKK-02</u>	<u>COMB</u>	<u>2005M</u>	<u>850+</u>	<u>NO</u>	<u>NOTER</u>	<u>NO</u>	<u>NGO</u>
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60KKKK-01</del>	<del>COMB</del>	<del>2005M</del>	<del>850+</del>	<del>NO</del>	<del>NOTER</del>	<del>NO</del>	<del>NGO</del>
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60KKKK-02</del>	<del>COMB</del>	<del>2005M</del>	<del>850+</del>	<del>NO</del>	<del>NOTER</del>	<del>NO</del>	<del>NGO</del>

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 13)**  
**Federal Operating Permit Program**  
**Table 6b: Title 40 Code of Federal Regulations (40 CFR Part 60)**  
**Subpart KKKK: Stationary Combustion Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA11 DATED 02/16/2024								
Unit ID No.	SOP Index No.	75% of Peak	30 MW	Turbine Use	NO <sub>x</sub> Control	NO <sub>x</sub> Monitoring	Common Steam Header	Duct Burner
GRP-CTG	60KKKK-01	<u>NO</u>		<u>ELCT</u>	<u>NO</u>	<u>CEMS</u>	<u>CMN</u>	<u>YES</u>
<u>GRP-CTG</u> [ADD ROW]	<u>60KKKK-02</u>	<u>YES</u>	<u>NO</u>	<u>ELCT</u>	<u>NO</u>	<u>CEMS</u>	<u>CMN</u>	<u>YES</u>
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60KKKK-01</del>	<del>NO</del>		<del>ELCT</del>	<del>NO</del>	<del>CEMS</del>	<del>CMN</del>	<del>YES</del>
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60KKKK-02</del>	<del>YES</del>	<del>NO</del>	<del>ELCT</del>	<del>NO</del>	<del>CEMS</del>	<del>CMN</del>	<del>YES</del>



Stationary Turbine Attributes  
Form OP-UA11 (Page 14)  
Federal Operating Permit Program  
Table 6c: Title 40 Code of Federal Regulations (40 CFR Part 60)  
Subpart KKKK: Stationary Combustion Turbines  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

UPDATES TO FORM OP-UA11 DATED 02/16/2024								
Unit ID No.	SOP Index No.	Location	SO <sub>2</sub> Standard	Fuel Monitoring	Fuel Quality	Performance Test	Intermediate Storage	Fuel Schedules
GRP-CTG	60KKKK-01	<u>NO</u>	<u>NO</u>	<u>YES</u>	<u>SAMP</u>	<u>CTRCT</u>		
<u>GRP-CTG</u> [ADD ROW]	<u>60KKKK-02</u>	<u>NO</u>	<u>NO</u>	<u>YES</u>	<u>SAMP</u>	<u>CTRCT</u>		
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60KKKK-01</del>	<del>NO</del>	<del>NO</del>	<del>YES</del>	<del>SAMP</del>	<del>CTRCT</del>		
<del>GRP-CTG1&amp;2</del> [DELETE ROW]	<del>60KKKK-02</del>	<del>NO</del>	<del>NO</del>	<del>YES</del>	<del>SAMP</del>	<del>CTRCT</del>		

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA11 (Page 15)**  
**Federal Operating Permit Program**  
**Table 7a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
04/22/2024	O2065	RN100218882

<b>UPDATES TO FORM OP-UA11 DATED 02/16/2024</b>								
Unit ID No.	SOP Index No.	Construction/Reconstruction Date	Standard	Natural Gas Combustion	Net Electric Sales	Fuel Type	CO2 Emissions Determination	Commercial Operation Date
GRP-CTG	60TTTT	2014-						
<del>GRP-CTG1&amp;2</del> <b>[DELETE ROW]</b>	<del>60TTTT</del>	<del>2014-</del>						

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> <u>April 2, 2024</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Turbine Only - Hourly Emission Rates							
GT-HRSG#1	Turbine No. 1 (5) GE 7241 FA	NO <sub>x</sub>	65.74	-	6, <del>11, 10, 12,</del> 13, 14, 15, 16, <del>17,</del> 27, 28	<del>11, 10, 12,</del> 13, <del>14, 15,</del> 16, 17, 18, <del>19,</del> 26, 27, 28	<del>11, 10, 12,</del> 13, <del>14,</del> 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2,029.50	-			
		VOC	3.06	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.54	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
GT-HRSG#2	Turbine No. 2 (5) GE 7241 FA	NO <sub>x</sub>	65.74	-	6, <del>11, 10, 12</del> , 13, 14, 15, 16, <del>17</del> , 27, 28	<del>11, 10, 12</del> , 13, <del>14, 15</del> , 16, 17, 18, <del>19</del> , 26, 27, 28	<del>11, 10, 12</del> , 13, <del>14</del> , 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2,029.50	-			
		VOC	3.06	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.54	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
GT-HRSG#3	Turbine No. 3 (5) GE 7241 FA	NO <sub>x</sub>	<del>63.065</del> 7466.64	-	6, <del>11, 10, 12,</del> 13, 14, 15, 16, <del>17,</del> 27, 28	<del>11, 10, 12,</del> 13, <del>14, 15,</del> 16, 17, 18, <del>19,</del> 26, 27, 28	<del>11, 10, 12,</del> 13, <del>14,</del> 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2,029.50	-			
		VOC	<del>3.06</del> 20	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.5459	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
GT-HRSG#4	Turbine No. 4 (5) GE 7241 FA	NO <sub>x</sub>	<del>65.74</del> 66.64	-	6, <del>11, 10, 12,</del> 13, 14, 15, 16, <del>17,</del> 27, 28	<del>11, 10, 12,</del> 13, <del>14, 15,</del> 16, 17, 18, <del>19,</del> 26, 27, 28	<del>11, 10, 12,</del> 13, <del>14,</del> 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2,029.50	-			
		VOC	<del>3.06</del> 20	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	<del>2.54</del> 59	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
<b>Turbine + Duct Burner (DB) - Hourly Emission Rates</b>							
GT-HRSG#1	Turbine No. 1 + 200 MMBtu DB (5,6) GE 7241 FA	NO <sub>x</sub>	79.0 <del>0</del>	-	6, <del>11</del> , <u>10</u> , <u>12</u> , 13, 14, 15, 16, <del>17</del> , 27, 28	<del>11</del> , <u>10</u> , <u>12</u> , 13, <del>14</del> , <u>15</u> , 16, 17, 18, <del>19</del> , 26, 27, 28	<del>11</del> , <u>10</u> , <u>12</u> , 13, <del>14</del> , 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	68.0 <del>0</del>	-			
		CO (MSS)	2,029.50	-			
		VOC	5.0 <del>0</del>	-			
		VOC (MSS)	183.49	-			
		PM	20.3 <del>0</del>	-			
		PM <sub>10</sub>	20.3 <del>0</del>	-			
		PM <sub>2.5</sub>	20.3 <del>0</del>	-			
		SO <sub>2</sub>	2.8 <del>0</del>	-			
GT-HRSG#2	Turbine No. 2 + 200 MMBtu DB (5,6)	NO <sub>x</sub>	79.0 <del>0</del>	-	6, <del>11</del> , <u>10</u> , <u>12</u> , 13, 14, 15, 16, <del>17</del> , 27, 28		<del>11</del> , <u>10</u> , <u>12</u> , 13, <del>14</del> , 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	GE 7241 FA	CO	68.0 <del>0</del>	-		<del>11, 10, 12, 13, 14, 15,</del> 16, 17, 18, <del>19</del> , 26, 27, 28	
		CO (MSS)	2,029.50	-			
		VOC	5.0 <del>0</del>	-			
		VOC (MSS)	183.49	-			
		PM	20.3 <del>0</del>	-			
		PM <sub>10</sub>	20.3 <del>0</del>	-			
		PM <sub>2.5</sub>	20.3 <del>0</del>	-			
		SO <sub>2</sub>	2.8 <del>0</del>	-			
GT-HRSG#3	Turbine No. 3 + 200 MMBtu DB (5,6)  GE 7241 FA	NO <sub>x</sub>	79.0 <del>0</del>	-	6, <del>11, 10, 12,</del> 13, 14, 15, 16, <del>17,</del> 27, 28	<del>11, 10, 12,</del> 13, <del>14, 15,</del> 16, 17, 18, <del>19</del> , 26, 27, 28	<del>11, 10, 12,</del> 13, <del>14,</del> 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	68.0 <del>0</del>	-			
		CO (MSS)	2,029.50	-			
		VOC	5.0 <del>0</del>	-			
		VOC (MSS)	183.49	-			



**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	20.3 <del>0</del>	-			
		PM <sub>10</sub>	20.3 <del>0</del>	-			
		PM <sub>2.5</sub>	20.3 <del>0</del>	-			
		SO <sub>2</sub>	2.8 <del>0</del>	-			
GT-HRSG#4	Turbine No. 4 + 200 MMBtu DB (5,6) GE 7241 FA	NO <sub>x</sub>	79.0 <del>0</del>	-	6, <del>11, 10, 12,</del> 13, 14, 15, 16, <del>17, 27,</del> 28	<del>11, 10, 12,</del> 13, <del>14, 15,</del> 16, 17, 18, <del>19,</del> 26, 27, 28	<del>11, 10, 12,</del> 13, <del>14,</del> 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	68.0 <del>0</del>	-			
		CO (MSS)	2,029.50	-			
		VOC	5.0 <del>0</del>	-			
		VOC (MSS)	183.49	-			
		PM	20.3 <del>0</del>	-			
		PM <sub>10</sub>	20.3 <del>0</del>	-			
		PM <sub>2.5</sub>	20.3 <del>0</del>	-			
		SO <sub>2</sub>	2.8 <del>0</del>	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
GT-HRSG#1 GT-HRSG#2 GT-HRSG#3 GT-HRSG#4	Combined Annual Emission Rates  Turbines Nos. 1- 4 + DBs	NO <sub>x</sub>	-	1137.2 <del>0</del>	6, <del>44, 10, 12,</del> 13, 14, 15, 16, <del>47,</del> 27, 28	<del>44, 10, 12,</del> 13, <del>44, 15,</del> 16, 17, 18, <del>49,</del> 26, 27, 28	<del>44, 10, 12,</del> 13, <del>44,</del> 21, 22, 23
		CO	-	951.4 <del>0</del>			
		PM	-	336.0 <del>0</del>			
		PM <sub>10</sub>	-	336.0 <del>0</del>			
		PM <sub>2.5</sub>	-	336.0 <del>0</del>			
		VOC	-	65.1 <del>0</del>			
		SO <sub>2</sub>	-	42.7 <del>0</del>			
GT1-LOV	Turbine No. 1 Lube Oil Vent	VOC	0.01	0.03		<del>48, 49</del> 17, 18	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
GT2-LOV	Turbine No. 2 Lube Oil Vent	VOC	0.01	0.03		<del>48, 49</del> 17, 18	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM <sub>2.5</sub>	0.01	0.03			
GT3-LOV	Turbine No. 3 Lube Oil Vent	VOC	0.01	0.03		<del>17, 18</del> 18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
GT4-LOV	Turbine No. 4 Lube Oil Vent	VOC	0.01	0.03		<del>17, 18</del> 18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
ST1-LOV	Steam Turbine No. 1 Lube Oil Vent	VOC	0.01	0.03		<del>17, 18</del> 18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
ST2-LOV		VOC	0.01	0.03			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: <del>February 27, 2023</del> April 2, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Steam Turbine No. 2 Lube Oil Vent	PM	0.01	0.03		<del>17, 18, 18, 19</del>	
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
CT	Cooling Tower	PM	2.4 <del>0</del>	10.5 <del>0</del>		<del>17, 18, 18, 19</del>	
		PM <sub>10</sub>	2.4 <del>0</del>	10.5 <del>0</del>			
		PM <sub>2.5</sub>	2.4 <del>0</del>	10.5 <del>0</del>			
FUG	Fugitives (7)	VOC	0.69	3.04		<del>17, 18, 18, 19</del>	
MSSFUG	Planned MSS Activities (7)  ILE and non-ILE	NO <sub>x</sub>	<0.01	<0.01	27, 28	<del>17, 18, 18, 19</del> , 27, 28	
		CO	<0.01	<0.01			
		VOC	6.85	0.05			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

SO<sub>2</sub> - sulfur dioxide

MSS - maintenance, startup, and shutdown

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period. The tpy includes turbine only, turbine + DB, and MSS emissions.

(5) Planned maintenance, startup and shutdown (MSS) for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS that pollutant's maximum hourly emission rate shall apply during that clock hour.

(6) The turbine and duct burner emission rates apply during any clock hour that includes one or more minutes of duct burner firing, and no MSS activities.

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

**From:** Harger, Ryker <Roderick.Harger@vistracorp.com>  
**Sent:** Thursday, March 7, 2024 9:59 AM  
**To:** Tusar Swami  
**Cc:** Collins, Renee; Barnes, Paul  
**Subject:** RE: Technical Review - O2065/Project 36337

Acknowledged. Thank you, Tusar.

Roderick "Ryker" Harger, PE | Luminant | Environmental Specialist Sr. | office: 972-507-0184 | cell: 970-576-5886

---

**From:** Tusar Swami <tusar.swami@tceq.texas.gov>  
**Sent:** Thursday, March 7, 2024 9:56 AM  
**To:** Harger, Ryker <Roderick.Harger@vistracorp.com>  
**Cc:** Collins, Renee <Renee.Collins@luminant.com>  
**Subject:** Technical Review - O2065/Project 36337 - Luminant Generation Company LLC

EXTERNAL EMAIL

Roderick:

Good Morning. I have been assigned to the Federal Operating Permit (FOP) renewal application of O2065/Project 36337 - Luminant Generation Company LLC. This application has been assigned Project No. 36337. Please note that the technical review will start once the minor revision project #35020 is completed in mid-April. 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.

Sincerely,

*Tusar Swami, P.E.*

**Texas Commission on Environmental Quality**

**OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: [tusar.swami@tceq.texas.gov](mailto:tusar.swami@tceq.texas.gov)



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

Regards,

Tusar Swami, P.E. (x1581)  
Permit Reviewer – Title V

**COMPILATION OF RENEWAL APPLICATION  
for  
FEDERAL OPERATING PERMIT  
NUMBER O2065**

**LAMAR POWER PLANT  
TCEQ Regulated Entity Number RN100218882  
TCEQ Air Account Number LA-0182-R**

**Submitted to the  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

**by  
LUMINANT GENERATION COMPANY LLC  
TCEQ Customer Number CN603256413**

**FEBRUARY 2024**



**COMPILATION OF RENEWAL APPLICATION FOR  
FEDERAL OPERATING PERMIT NUMBER O2065**

**LAMAR POWER PLANT (RN100218882)  
LUMINANT GENERATION COMPANY LLC (CN603256413)**

**FEBRUARY 2024**

<b>STEERS Category (Upload 1 file/category)</b>	<b>Description</b>	<b>Compilation Page No.</b>
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**PROJECT DESCRIPTION**  
**FEDERAL OPERATING PERMIT No. O2065**  
**LAMAR POWER PLANT (RN100218882)**  
**LUMINANT GENERATION COMPANY LLC (CN603256413)**  
**FEBRUARY 2024**

Luminant Generation Company LLC (Luminant) is applying for the renewal of Federal Operating Permit (FOP) No. O2065, which authorizes operation of the Lamar Power Plant (LPP) near Paris in Lamar County, Texas. This February 2024 application also requests FOP revisions. The application is a complete application so that all representations related to FOP No. O2065 (i.e., unchanged previous representations, as well as revisions) can be found in this application document.

Revisions

Proposed updates and revisions are listed in the OP-2 form and shown in **bold red font** throughout the application. These revisions include the identification of emission units that are authorized by Permit by Rule (PBR) and a new Permit by Rule Supplemental Table (Form OP-PBRSUP) as well as the addition of existing storage tanks to Form OP-UA3 due to a change in form instructions. Additional revisions are described on Form OP-2.

Request for General Terms and Conditions

Luminant requests TCEQ to revise the General Terms and Conditions in Permit No. O2065 related to reporting requirements. The federal Acid Rain and Cross-State Air Pollution Rule Trading programs require electronic reporting in a prescribed format such that it is not possible to include a cover letter or identifying information as required by the General Terms and Conditions that TCEQ usually uses. Therefore, EPC requests TCEQ to use the existing General Terms and Conditions reporting requirement, as follows:

**“All reports required by this permit, except the reports required solely by the Acid Rain permit or Cross-State Air Pollution Rule Trading Requirements, must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).”**

**PERMIT AREA PROCESS DESCRIPTION**  
**FEDERAL OPERATING PERMIT No. O2065**  
**LAMAR POWER PLANT (RN100218882)**  
**LUMINANT GENERATION COMPANY LLC (CN603256413)**  
**FEBRUARY 2024**

Luminant Generation Company LLC operates the Lamar Power Plant (LPP) located near Paris in Lamar County, Texas. The LPP is a nominal 1,118-megawatt combined cycle, natural gas-fired electric power plant. Figure 1 is an area map showing the location of the LPP.

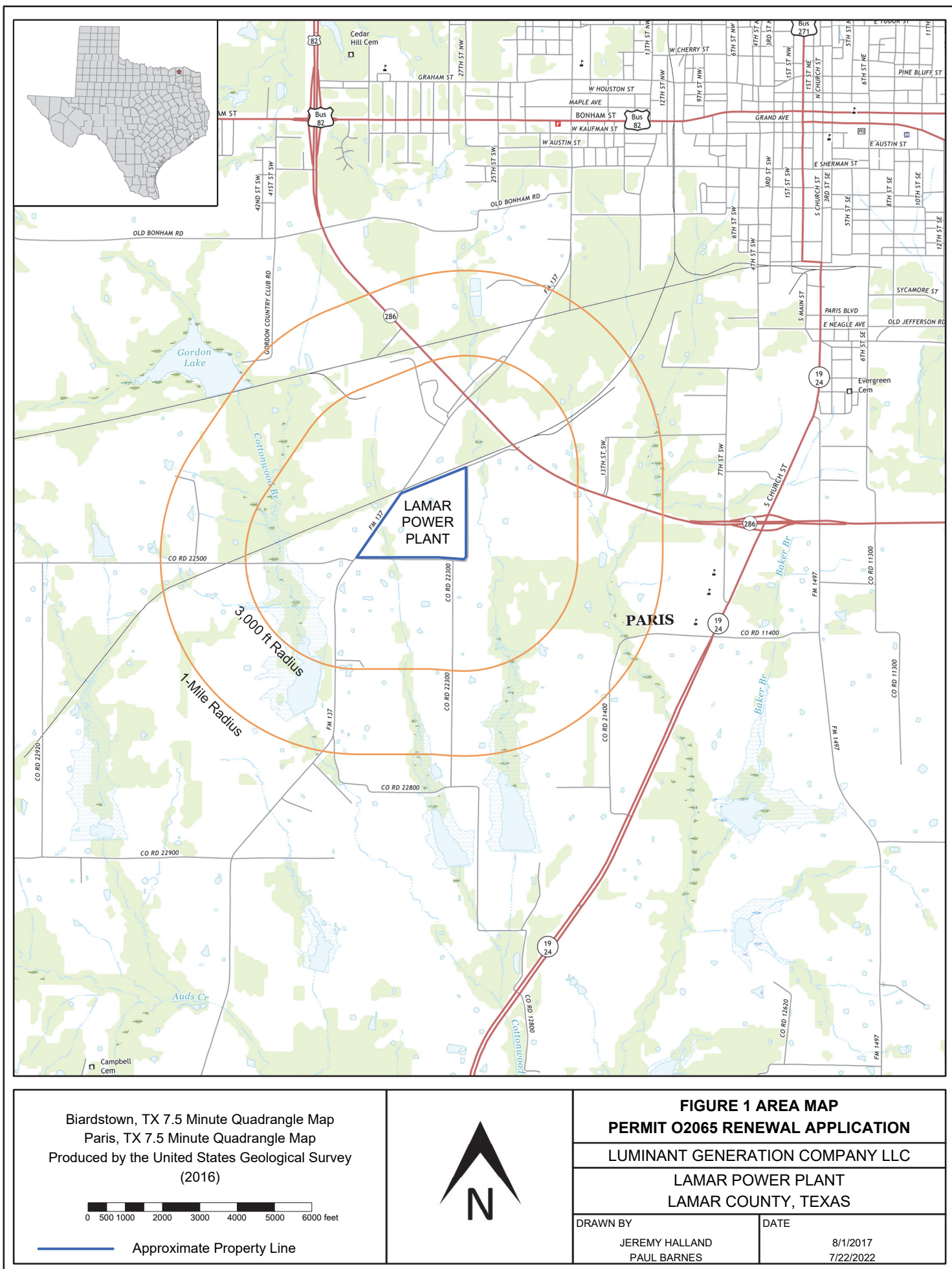
Figure 2 is a plot plan showing the LPP layout. The LPP combined-cycle facility includes four nominal 182-MW combustion turbines (CTs), four heat recovery steam generators (HRSGs) with duct burners, two nominal 200 MW steam turbines, and supplemental ancillary equipment.

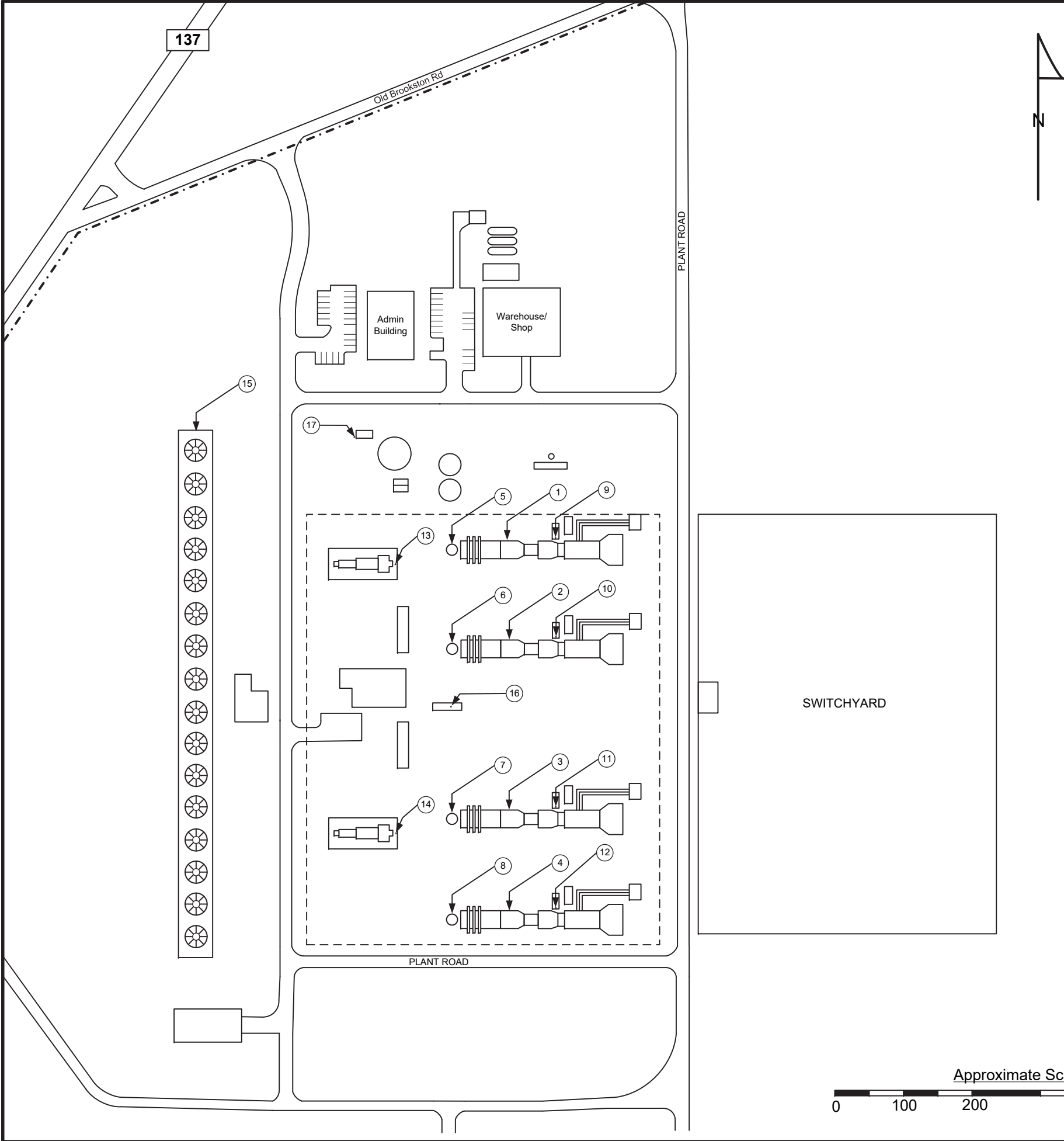
CTs are heat engines that convert potential energy in natural gas into mechanical work and electric energy. Ambient air is drawn through filters and an evaporative cooler into the CT compressor, which increases the pressure and temperature of the air. The compressed air is routed into the combustor and combined with natural gas fuel that is combusted to produce hot, high-pressure gases. Hot gases from the combustor enter the turbine and expand across the turbine blades to produce mechanical energy in the CT rotor shaft, which in turn drives the compressor and an electric generator.

Excess heat in the CT exhaust gases is used to generate steam. A duct routes CT exhaust gases into a HRSG. Natural gas-fired duct burners may be utilized to add thermal energy to the CT exhaust gases. The HRSG recovers thermal energy from the exhaust gases and produces steam. Steam from one or two HRSGs powers a steam turbine that drives an electric generator. Each HRSG vents its exhaust gases into the atmosphere through a stack.

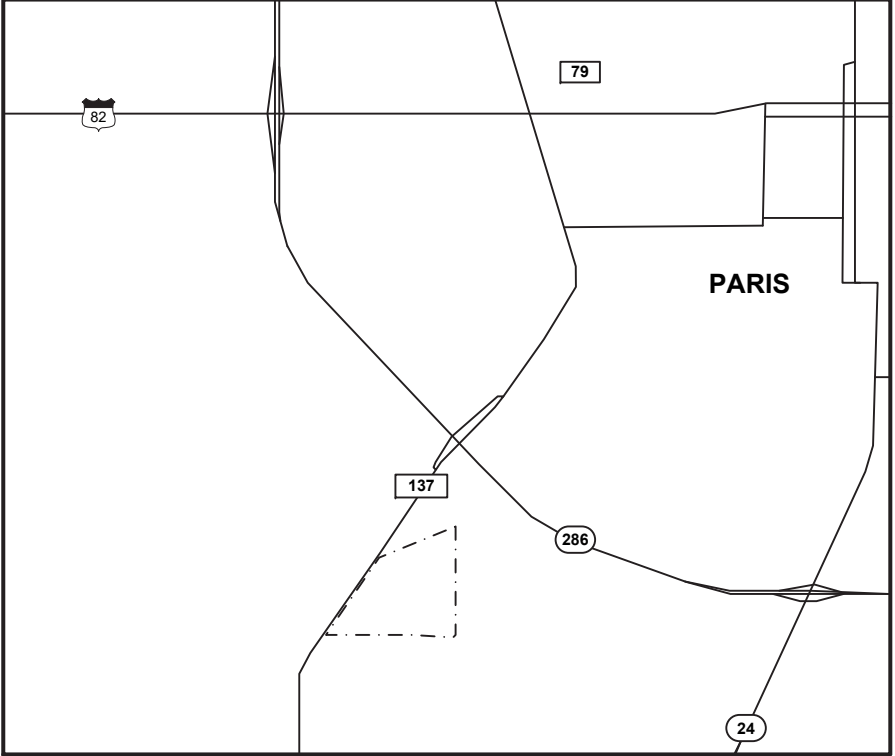
To control emissions of oxides of nitrogen (NO<sub>x</sub>), the CTs and duct burners utilize dry low-NO<sub>x</sub> combustion technology. The exclusive use of natural gas in the CTs and duct burners minimizes emissions of particulate matter (PM) and sulfur dioxide (SO<sub>2</sub>). Efficient combustion minimizes emissions of carbon monoxide (CO) and volatile organic compounds (VOC).

Other facilities at the LPP site include a stand-by emergency electric generator and an emergency fire deluge water supply pump, each of which is powered by a diesel-fired reciprocating internal combustion engine. The LPP site also includes organic liquid storage tanks, reservoirs, and containers for materials such as lubricating oil, diesel fuel, natural gas condensate, and so on. Organic liquid transfers occur at these storage tanks, reservoirs, and containers.





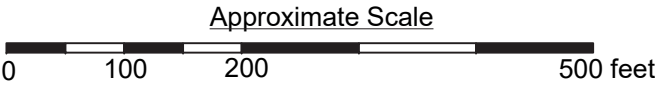
Reference No.	Unit ID Number	Emission Point Name/Description	UTM Coordinates (Zone 15, NAD-83)	
			Easting (m)	Northing (m)
1	CTG-1	Turbine/HRSG No. 1	259,779	3,724,374
2	CTG-2	Turbine/HRSG No. 2	259,778	3,724,328
3	CTG-3	Turbine/HRSG No. 3	259,777	3,724,251
4	CTG-4	Turbine/HRSG No. 4	259,776	3,724,206
5	EP-1	Stack	259,779	3,724,374
6	EP-2	Stack	259,778	3,724,328
7	EP-3	Stack	259,777	3,724,251
8	EP-4	Stack	259,776	3,724,206
9	GT1-LOV	Turbine 1 Lube Oil Reservoir Vent	259,827	3,724,378
10	GT2-LOV	Turbine 2 Lube Oil Reservoir Vent	259,826	2,724,332
11	GT3-LOV	Turbine 3 Lube Oil Reservoir Vent	259,824	2,724,256
12	GT4-LOV	Turbine 4 Lube Oil Reservoir Vent	259,823	3,724,210
13	ST1-LOV	Steam Turbine 1 Lube Oil Reservoir	259,755	3,724,368
14	ST2-LOV	Steam Turbine 2 Lube Oil Reservoir	259,753	3,724,246
15	CTOW1	Cooling Tower 1	259,650	3,724,193
16	ENG-1	Emergency Diesel Generator	259,781	3,724,302
17	ENG-2	Firewater Pump Engine	259,734	3,724,426

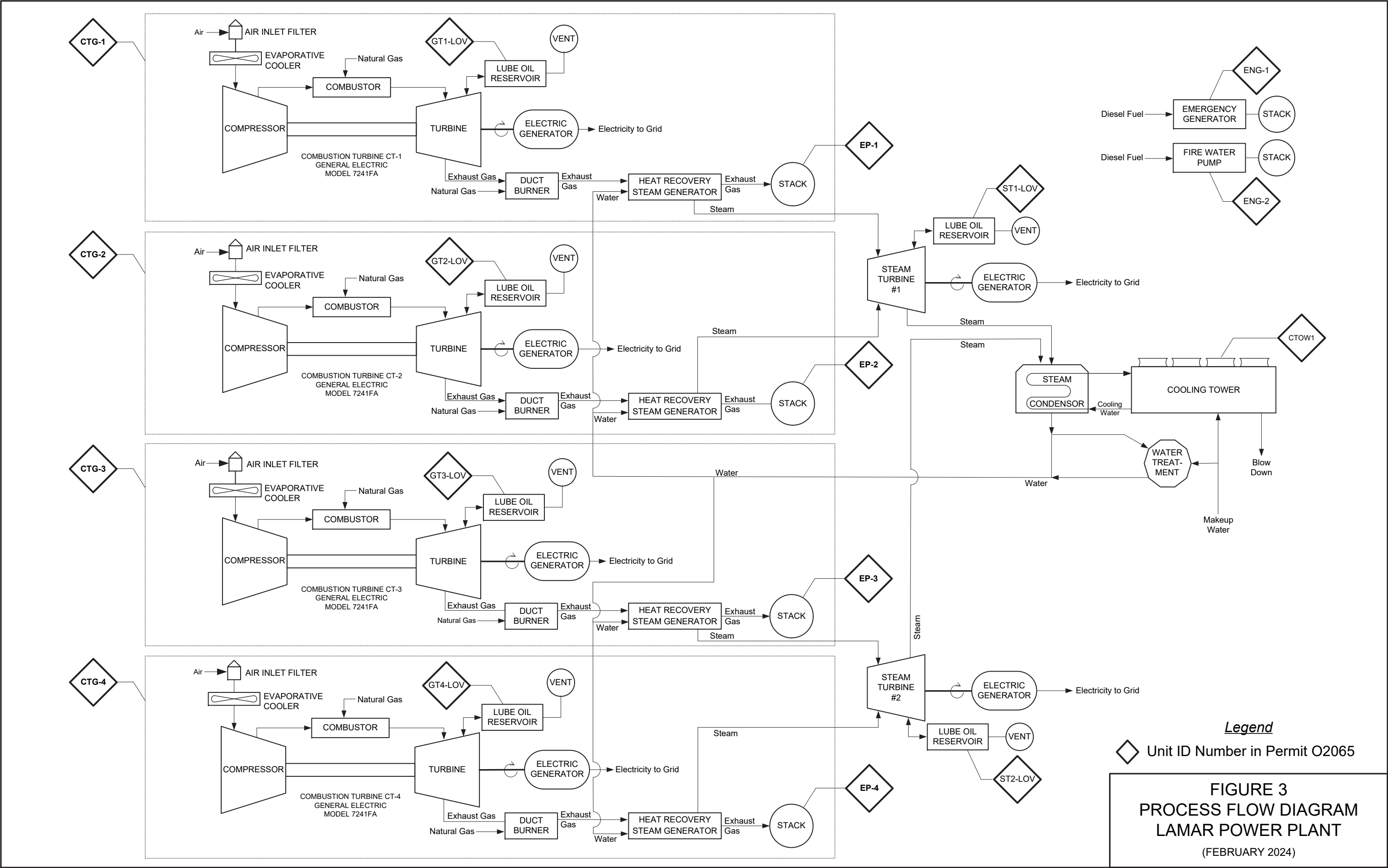


----- Approximate Property Line



Figure 2 Plot Plan  
Permit O2065 Renewal Application  
Lamar Power Plant  
(February 2024)







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

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

<b>I. Company Identifying Information</b>
A. Company Name: Luminant Generation Company LLC
B. Customer Reference Number (CN): <b>CN603256413</b>
C. Submittal Date (mm/dd/yyyy): 02/16/2024
<b>II. Site Information</b>
A. Site Name: Lamar Power Plant
B. Regulated Entity Reference Number (RN): <b>RN100218882</b>
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input checked="" type="checkbox"/> OK <input 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 type="checkbox"/> VOC <input checked="" type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input checked="" type="checkbox"/> PM <sub>10</sub> <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other: Carbon Dioxide (CO <sub>2</sub> )
E. Is the site a non-major source subject to the Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
F. Is the site within a local program area jurisdiction? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
<b>III. Permit Type</b>
A. Type of Permit Requested: <i>(Select only one response )</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>
<b>A.</b> Is this submittal an abbreviated or a full application? <span style="float: right;"><input type="checkbox"/> Abbreviated <input type="checkbox"/> Full</span>
<b>B.</b> If this is a full application, is the submittal a follow-up to an abbreviated application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>C.</b> If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>D.</b> Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>E.</b> Has the required Public Involvement Plan been included with this application? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>V. Confidential Information</b>
<b>A.</b> Is confidential information submitted in conjunction with this application? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>VI. Responsible Official (RO) Identifying Information</b>
RO Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Renee Collins
RO Title: Sr. Director, Environmental Services
Employer Name: Luminant Generation Company LLC
Mailing Address: 6555 Sierra Drive
City: Irving
State: Texas
ZIP Code: 75039
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 214-875-8338
Fax No.:
Email: Renee.Collins@luminant.com



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

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Roderick Harger, P.E.
Technical Contact Title: Environmental Specialist
Employer Name: Luminant Generation Company LLC
Mailing Address: 6555 Sierra Drive
City: Irving
State: Texas
ZIP Code: 75039
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 972-507-0184
Fax No.:
Email: Roderick.Harger@vistracorp.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Senator Bryan Hughes, Senate District 1
<b>B.</b> State Representative: Representative Gary VanDeaver, House District 1
<b>C.</b> Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>E.</b> Indicate the alternate language(s) in which public notice is required: None

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

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
<b>A.</b> Office/Facility Name:
<b>B.</b> Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
<b>C.</b> Physical Location:
<b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Lamar Power Plant
<b>B.</b> Physical Address: 3205 Farm Road 137
City: Paris
State: Texas
ZIP Code: 75460
<b>C.</b> Physical Location:
<b>D.</b> Nearest City:
<b>E.</b> State:
<b>F.</b> ZIP Code:

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

<b>X. Application Area Information (<i>continued</i>)</b>
<b>G.</b> Latitude (nearest second): 033:37:51
<b>H.</b> Longitude (nearest second): 095:35:24
<b>I.</b> Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<b>J.</b> Indicate the estimated number of emission units in the application area: 44
<b>K.</b> Are there any emission units in the application area subject to the Acid Rain Program? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>XI. Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
<b>A.</b> Name of a public place to view application and draft permit: Lamar County Clerk's Office
<b>B.</b> Physical Address: 119 North Main Street
City: Paris
ZIP Code: 75460
<b>C.</b> Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Roderick Harger, P.E.
Contact Mailing Address: 6555 Sierra Drive
City: Irving
State: Texas
ZIP Code: 75039
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 972-507-0184

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

<b>XII. Delinquent Fees and Penalties</b>
<b>Notice:</b> This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
<b>Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.</b>
<b>XIII. Designated Representative (DR) Identifying Information</b>
DR Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name: Cynthia Vodopivec
DR Title: SVP – Environmental, Health & Safety
Employer Name: Vistra Corp.
Mailing Address: 750 Worcester Street
City: Indian Orchard
State: Massachusetts
ZIP Code: 01151
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 214-812-2050
Fax No.:
Email: Cynthia.Vodopivec@vistracorp.com

**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: Renee Collins

ADR Title: Sr. Director, Environmental Services

Employer Name: Luminant Generation Company LLC

Mailing Address: 6555 Sierra Drive

City: Irving

State: Texas

ZIP Code: 75039

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.: 214-875-8338

Fax No.:

Email: Renee.Collins@luminant.com

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

Date: 02/16/2024	
Permit No.: O2065	
Regulated Entity No.: RN100218882	
Company Name: Luminant Generation Company LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
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	
<b>II. Qualification Statement</b>	
For SOP Revisions Only	<input 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**

<b>III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)</b>
Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)
<div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> VOC</div><div><input checked="" type="checkbox"/> NO<sub>x</sub></div><div><input type="checkbox"/> SO<sub>2</sub></div><div><input checked="" type="checkbox"/> PM<sub>10</sub></div><div><input checked="" type="checkbox"/> CO</div><div><input type="checkbox"/> Pb</div><div><input type="checkbox"/> HAP</div></div>
Other: Carbon Dioxide (CO <sub>2</sub> )
<b>IV. Reference Only Requirements (For reference only)</b>
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</span>
<b>V. Delinquent Fees and Penalties</b>
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: 02/16/2024
Permit No.: O2065
Regulated Entity No.: RN100218882
Company Name: Luminant Generation Company LLC

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

Revision No.	Revision Code	New Unit	Unit/Group/ Process ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	N/A	OP-REQ1	N/A	Revise the response to Question X.B.1. on Form OP-REQ1. Onsite maintenance of fleet vehicles may include maintenance of the vehicle air conditioning systems.
2	MS-C	NO	N/A	OP-REQ1	N/A	Revise the list of Permits by Rule for the application area as shown on Form OP-REQ1 Section XII.I.
3	MS-C	YES	SW-SBW	OP-PBRSUP	106.227/09/04/2000	Add existing unit/process to Forms OP-SUMR and OP-PBRSUP to comply with new OP-PBRSUP instructions.
4	MS-C	YES	SW-MSS	OP-PBRSUP	106.263/11/01/2001	Same as Revision No. 3 above.
5	MS-C	YES	SW-REF	OP-PBRSUP	106.373/09/04/2000	Same as Revision No. 3 above.
6	MS-C	YES	WASHER	OP-PBRSUP	106.454/11/01/2001	Same as Revision No. 3 above.
7	MS-C	YES	OWS	OP-PBRSUP	106.532/09/04/2000	Same as Revision No. 3 above.
8	MS-C	NO	ENG-1	OP-UA2	N/A	Add existing unit/process to Form OP-PBRSUP to comply with new OP-PBRSUP instructions.
9	MS-C	NO	ENG-2	OP-UA2	N/A	Same as Revision No. 8 above.

**TCEQ-10059 (APDG 5722v26, revised 03/22) OP-2**  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

Form OP-2 Page 3 of 5



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

Date: 02/16/2024
Permit No.: O2065
Regulated Entity No.: RN100218882
Company Name: Luminant Generation Company LLC

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

Revision No.	Revision Code	New Unit	Unit/Group/ Process ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
10	MS-C	NO	ENG-1	OP-UA2	N/A	Update MACT ZZZZ applicable requirement citations on Form OP-REQ3 to be consistent with current TCEQ guidance.
11	MS-C	NO	ENG-2	OP-UA2	N/A	Same as Revision No. 10 above.
12	MS-C	YES	TK-ENG1	OP-UA3	106.472/09/04/2000	Add existing storage tank to Forms OP-PBRSUP and OP-UA3 to comply with new form instructions. This unit is no longer considered an “off-permit” source by Form OP-UA3 instructions.
13	MS-C	YES	TK-ENG2	OP-UA3	106.472/09/04/2000	Same as Revision No. 12 above.
14	MS-C	YES	COND-TK	OP-UA3	80909	Same as Revision No. 12 above.
15	MS-C	YES	NAOCL-TK	OP-UA3	106.532/09/04/2000	Same as Revision No. 12 above.
16	MS-C	YES	H2SO4-TK	OP-UA3	106.532/09/04/2000	Same as Revision No. 12 above.
17	MS-C	YES	CI-TK	OP-UA3	106.532/09/04/2000	Same as Revision No. 12 above.
18	MS-C	NO	VOCXFER	OP-UA4	N/A	Delete this process ID number. With this application, VOC transfer operations are listed by the corresponding tank for the purpose of showing non-applicability of Chapter 115 requirements on Form OP-UA4.

TCEQ-10059 (APDG 5722v26, revised 03/22) OP-2  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

Form OP-2 Page 4 of 5

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

Date: 02/16/2024
Permit No.: O2065
Regulated Entity No.: RN100218882
Company Name: Luminant Generation Company LLC

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

Revision No.	Revision Code	New Unit	Unit/Group/ Process ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
19	MS-C	NO	GT1-LOV	OP-UA4	N/A	Add existing tank to Form OP-UA4 under new Group ID No. GRP-VOCXFER.
20	MS-C	NO	GT2-LOV	OP-UA4	N/A	Same as Revision No. 19 above.
21	MS-C	NO	GT3-LOV	OP-UA4	N/A	Same as Revision No. 19 above.
22	MS-C	NO	GT4-LOV	OP-UA4	N/A	Same as Revision No. 19 above.
23	MS-C	NO	ST1-LOV	OP-UA4	N/A	Same as Revision No. 19 above.
24	MS-C	NO	ST2-LOV	OP-UA4	N/A	Same as Revision No. 19 above.
25	MS-C	YES	TK-ENG1	OP-UA4	106.472/09/04/2000	Same as Revision No. 19 above.
26	MS-C	YES	TK-ENG2	OP-UA4	106.472/09/04/2000	Same as Revision No. 19 above.
27	MS-C	YES	COND-TK	OP-UA4	80909	Same as Revision No. 19 above.
28	MS-B	NO	GRP-STK	OP-UA15	N/A	Revise the Periodic Monitoring option number for the opacity standard in 30 TAC §111.111(a)(1)(C) as shown on the enclosed Form OP-MON.

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

<b>Date:</b> 02/16/2024	<b>Regulated Entity No.:</b> RN100218882	<b>Permit No.:</b> O2065
<b>Company Name:</b> Luminant Generation Company LLC		<b>Area Name:</b> Lamar Power 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**

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

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
Turbine Only - Hourly Emission Rates							
GT-HRSG#1	Turbine No. 1 (5) GE 7241 FA	NO <sub>x</sub>	65.74	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2029.50	-			
		VOC	3.06	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.54	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
GT-HRSG#2	Turbine No. 2 (5) GE 7241 FA	NO <sub>x</sub>	65.74	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2029.50	-			
		VOC	3.06	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.54	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
GT-HRSG#3	Turbine No. 3 (5) GE 7241 FA	NO <sub>x</sub>	63.065.74	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2029.50	-			
		VOC	3.06	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.54	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
GT-HRSG#4	Turbine No. 4 (5) GE 7241 FA	NO <sub>x</sub>	65.74	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	53.81	-			
		CO (MSS)	2029.50	-			
		VOC	3.06	-			
		VOC (MSS)	183.49	-			
		PM	18.30	-			
		PM (MSS)	20.30	-			
		PM <sub>10</sub>	18.30	-			
		PM <sub>10</sub> (MSS)	20.30	-			
		PM <sub>2.5</sub>	18.30	-			
		PM <sub>2.5</sub> (MSS)	20.30	-			
		SO <sub>2</sub>	2.54	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO <sub>2</sub> (MSS)	2.80	-			
<b>Turbine + Duct Burner (DB) - Hourly Emission Rates</b>							
GT-HRSG#1	Turbine No. 1 + 200 MMBtu DB (5,6) GE 7241 FA	NO <sub>x</sub>	79.0	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	68.0	-			
		CO (MSS)	2029.50	-			
		VOC	5.0	-			
		VOC (MSS)	183.49	-			
		PM	20.3	-			
		PM <sub>10</sub>	20.3	-			
		PM <sub>2.5</sub>	20.3	-			
		SO <sub>2</sub>	2.8	-			
GT-HRSG#2	Turbine No. 2 + 200 MMBtu DB (5,6)	NO <sub>x</sub>	79.0	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			



**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	GE 7241 FA	CO	68.0	-			
		CO (MSS)	2029.50	-			
		VOC	5.0	-			
		VOC (MSS)	183.49	-			
		PM	20.3	-			
		PM <sub>10</sub>	20.3	-			
		PM <sub>2.5</sub>	20.3	-			
		SO <sub>2</sub>	2.8	-			
GT-HRSG#3	Turbine No. 3 + 200 MMBtu DB (5,6) GE 7241 FA	NO <sub>x</sub>	79.0	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	68.0	-			
		CO (MSS)	2029.50	-			
		VOC	5.0	-			
		VOC (MSS)	183.49	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	20.3	-			
		PM <sub>10</sub>	20.3	-			
		PM <sub>2.5</sub>	20.3	-			
		SO <sub>2</sub>	2.8	-			
GT-HRSG#4	Turbine No. 4 + 200 MMBtu DB (5,6) GE 7241 FA	NO <sub>x</sub>	79.0	-	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		NO <sub>x</sub> (MSS)	166.43	-			
		CO	68.0	-			
		CO (MSS)	2029.50	-			
		VOC	5.0	-			
		VOC (MSS)	183.49	-			
		PM	20.3	-			
		PM <sub>10</sub>	20.3	-			
		PM <sub>2.5</sub>	20.3	-			
		SO <sub>2</sub>	2.8	-			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
GT-HRSG#1 GT-HRSG#2 GT-HRSG#3 GT-HRSG#4	Combined Annual Emission Rates Turbines Nos. 1- 4 + DBs	NO <sub>x</sub>	-	1137.2	6, 11, 13, 14, 15, 16, 17, 27, 28	11, 13, 14, 16, 17, 18, 19, 26, 27, 28	11, 13, 14, 21, 22, 23
		CO	-	951.4			
		PM	-	336.0			
		PM <sub>10</sub>	-	336.0			
		PM <sub>2.5</sub>	-	336.0			
		VOC	-	65.1			
		SO <sub>2</sub>	-	42.7			
GT1-LOV	Turbine No. 1 Lube Oil Vent	VOC	0.01	0.03		18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
GT2-LOV	Turbine No. 2 Lube Oil Vent	VOC	0.01	0.03		18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM <sub>2.5</sub>	0.01	0.03			
GT3-LOV	Turbine No. 3 Lube Oil Vent	VOC	0.01	0.03		18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
GT4-LOV	Turbine No. 4 Lube Oil Vent	VOC	0.01	0.03		18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
ST1-LOV	Steam Turbine No. 1 Lube Oil Vent	VOC	0.01	0.03		18, 19	
		PM	0.01	0.03			
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
ST2-LOV		VOC	0.01	0.03			

**Major NSR Summary Table**

Permit Numbers: 38326 and PSDTX916					Issuance Date: February 27, 2023		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Steam Turbine No. 2 Lube Oil Vent	PM	0.01	0.03		18, 19	
		PM <sub>10</sub>	0.01	0.03			
		PM <sub>2.5</sub>	0.01	0.03			
CT	Cooling Tower	PM	2.4	10.5		18, 19	
		PM <sub>10</sub>	2.4	10.5			
		PM <sub>2.5</sub>	2.4	10.5			
FUG	Fugitives (7)	VOC	0.69	3.04		18, 19	
MSSFUG	Planned MSS Activities (7)	NO <sub>x</sub>	<0.01	<0.01	27, 28	18, 19, 27, 28	
	ILE and non-ILE	CO	<0.01	<0.01			
		VOC	6.85	0.05			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

SO<sub>2</sub> - sulfur dioxide

MSS - maintenance, startup, and shutdown

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period. The tpy includes turbine only, turbine + DB, and MSS emissions.

(5) Planned maintenance, startup and shutdown (MSS) for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS that pollutant's maximum hourly emission rate shall apply during that clock hour.

(6) The turbine and duct burner emission rates apply during any clock hour that includes one or more minutes of duct burner firing, and no MSS activities.

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



The report output is displayed below. Use your browser's print functionality to print the report. A PDF may be generated by selecting 'Print to PDF' as the printer destination. This report output can be best printed when the print settings on your computer are set to a landscape orientation. If the report is downloadable, a Download button will appear and you may click it to download the report output.

## Certificate of Representation Report

### Lamar Power Plant (55097) - TX

**State**

Texas

**County**

Lamar County

**EPA Region**

6

**Latitude**

33.6314

**Longitude**

-95.589

**FRS ID**

110005975098

**Notes**

10/1/07- S Rosoff (intern) corrected lat/long data based on information received by Phil Langworthy via phone (9722-552-9912) on 10/1/07.

## Representatives

**Primary Representative**

Cynthia Vodopivec

**Alternate Representative**

Effective Date: 06/05/2018  
Vistra Corp.  
SVP - Environmental, Health &  
Safety

750 Worcester St.  
Indian Orchard, MA 01151

(214) 812-2050  
(860) 604-4844 (Other)  
cynthia.vodopivec@vistracorp.com

Submitted Electronic Signature  
Agreement: Yes

**Renee A Collins**

Effective Date: 04/02/2020  
Luminant

6555 Sierra Drive  
Irving, TX 75039

(214) 875-8338  
(214) 875-8699 (Fax)  
renee.collins@luminant.com

Submitted Electronic  
Signature Agreement: Yes

**Units****Unit 1****Programs**

ARP, CSOSG2

**Is this unit in Indian Country?**

No

**Operating Status**

Operating

**Commence Operation Date**

05/01/2000

**Commence Commercial Operation Date**

05/01/2000

**Source Category**

Electric Utility

**NAICS Code**

221112 - Fossil fuel electric power generation

**Owner(s)**

La Frontera Holdings, LLC

**Operator**

Luminant Generation Company LLC

**Unit 2****Programs**

ARP, CSOSG2

**Is this unit in Indian Country?**

No

**Operating Status**

Operating

**Commence Operation Date**

05/01/2000

**Commence Commercial Operation Date**

05/01/2000

**Source Category**

Electric Utility

**NAICS Code**

221112 - Fossil fuel electric power generation

**Owner(s)**

La Frontera Holdings, LLC

**Operator**

Luminant Generation Company LLC



**Unit 3****Programs**

ARP, CSOSG2

**Is this unit in Indian Country?**

No

**Operating Status**

Operating

**Commence Operation Date**

12/01/2000

**Commence Commercial Operation Date**

12/01/2000

**Source Category**

Electric Utility

**NAICS Code**

221112 - Fossil fuel electric power generation

**Owner(s)**

La Frontera Holdings, LLC

**Operator**

Luminant Generation Company LLC

**Unit 4****Programs**

ARP, CSOSG2

**Is this unit in Indian Country?**

No

**Operating Status**

Operating

**Commence Operation Date**

12/01/2000

**Commence Commercial Operation Date**

12/01/2000

**Source Category**

Electric Utility

**NAICS Code**

221112 - Fossil fuel electric power generation

**Owner(s)**

La Frontera Holdings, LLC

**Operator**

Luminant Generation Company LLC

**Generators****Generator CTG1****Acid Rain Program Nameplate Capacity (MWe)**

171.7

**Other Programs Nameplate Capacity (MWe)**

171.7

**Units Linked to Generator**

1

**Generator CTG2****Acid Rain Program Nameplate Capacity (MWe)**

171.7

**Other Programs Nameplate Capacity (MWe)**

171.7

**Units Linked to Generator**

2

**Generator CTG3****Acid Rain Program Nameplate Capacity (MWe)**

171.7

**Other Programs Nameplate Capacity (MWe)**

171.7

**Units Linked to Generator**

3

**Generator CTG4****Acid Rain Program Nameplate Capacity (MWe)**

171.7

**Other Programs Nameplate Capacity (MWe)**

171.7

**Units Linked to Generator**

4

**Generator STG1****Acid Rain Program Nameplate Capacity (MWe)**

202

**Other Programs Nameplate Capacity (MWe)**

202

**Units Linked to Generator**

2,1

**Generator STG2****Acid Rain Program Nameplate Capacity (MWe)**

202

**Other Programs Nameplate Capacity (MWe)**

202

**Units Linked to Generator**

4,3



**Stationary Reciprocating Internal Combustion Engine Attributes**  
**Form OP-UA2 (Page 4)**

**Federal Operating Permit Program**

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

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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
ENG-1	63ZZZZ	AREA	500+	02-	NO	EMER-A	CI
ENG-2	63ZZZZ	AREA	300-500	02-	NO	EMER-A	CI

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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
ENG-1	60IIII	2005-				
ENG-2	60IIII	2005-				

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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
GRP-TNK	60KB	PTLQ-3	10K-							
<u>COND-TK</u> [ADD ROW]	<u>60KB</u>	<u>PTCD-AF3</u>	<u>10K-</u>							
<u>GRPIOCTKS</u> [ADD ROW]	<u>60KB</u>	<u>OTHER3</u>								

**Loading/Unloading Operations Attributes**  
**Form OP-UA4 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter C: Loading and Unloading of Volatile Organic Compounds**  
**Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
<del>VOCXFER</del> [DELETE ROW]	<del>R5211</del>	<del>OTHER</del>	<del>NONE</del>		<del>VOC3</del>	<del>BOTH</del>			
<u>GRP-VOCXFER</u> [ADD ROW]	<u>R5211</u>	<u>OTHER</u>	<u>NONE</u>		<u>VOC3</u>	<u>BOTH</u>			
<u>COND-TK</u> [ADD ROW]	<u>R5211</u>	<u>OTHER</u>	<u>NONE</u>		<u>VOC3</u>	<u>BOTH</u>			

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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, or AAAA	Subpart KKKK	Subpart Cb or BBBB
GRP-CTG	60DB	97-05CR	100-250	NO	NO	NO	NO	NO
GRP-CTG1&2	60DB	97-05CR	100-250	NO	NO	NO	YES	

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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Subpart J	Subpart E	ACF Option SO <sub>2</sub>	ACF Option PM	ACF Option NO <sub>x</sub>
GRP-CTG	60DB	NG				NO	NO	OTHER	OTHER	OTHER
GRP-CTG1&2	60DB									



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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	Steam with Electricity	Electricity Only	60.49 Da(n) Alternative	60.49 Da(m) Alternative
GRP-CTG	60DB					YES	NO			NO	NO
GRP-CTG1&2	60DB										

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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type Opacity	Monitoring Type NO <sub>x</sub>	Monitoring Type SO <sub>2</sub>	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
GRP-CTG	60DB		NONE	NONE	NONE	NONE	NONE	DCTBRN1				
GRP-CTG1&2	60DB											

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart GG: Stationary Gas Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	Peak Load Heat Input	Construction/Modification Date	Turbine Cycle	Subpart GG Service Type	Federal Register	Manufacturer's Rated Base Load
GRP-CTG	60GG	100+	82-04	COMB	ELCTRC		

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 2)**  
**Federal Operating Permit Program**  
**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart GG: Stationary Gas Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	NO <sub>x</sub> Control Method	NO <sub>x</sub> Monitoring Method	Alternative Monitoring ID No.	Regulated Under Part 75	Turbine Combustion Process	CEMS Performance Evaluation
GRP-CTG	60GG	NONE	NONE			LNPMX	

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 3)**  
**Federal Operating Permit Program**  
**Table 1c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart GG: Stationary Gas Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP/GOP Index No.	Duct Burner	NO <sub>x</sub> Allowance	Sulfur Content	Fuel Type Fired	Fuel Supply	Fuel Monitoring Schedule	Custom Fuel Monitoring ID No.
GRP-CTG	60GG	YES	NO	YES	NG	NONE	331U	

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 9)**  
**Federal Operating Permit Program**  
**Table 4a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)**  
**Subchapter E, Division 1: Utility Electric Generation in East and Central Texas**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	Date Placed in Service	Unit	NO <sub>x</sub> Emission Limitation	NO <sub>x</sub> Monitoring	Max Emission Rate	MW Rating
GRP-CTG	R7131	95+					
GRP-CTG1&2	R7131	95+					

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 12)**  
**Federal Operating Permit Program**  
**Table 6a: Title 40 Code of Federal Regulations (40 CFR Part 60)**  
**Subpart KKKK: Stationary Combustion Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Heat Input	Subject to Da	Service Type	NO <sub>x</sub> Standard	Fuel Type
GRP-CTG	60KKKK-01	COMB	2005-					
GRP-CTG1&2	60KKKK-01	COMB	2005M	850+	NO	NOTER	NO	NGO
GRP-CTG1&2	60KKKK-02	COMB	2005M	850+	NO	NOTER	NO	NGO

**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 13)**  
**Federal Operating Permit Program**  
**Table 6b: Title 40 Code of Federal Regulations (40 CFR Part 60)**  
**Subpart KKKK: Stationary Combustion Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	75% of Peak	30 MW	Turbine Use	NO <sub>x</sub> Control	NO <sub>x</sub> Monitoring	Common Steam Header	Duct Burner
GRP-CTG	60KKKK-01							
GRP-CTG1&2	60KKKK-01	NO		ELCT	NO	CEMS	CMN	YES
GRP-CTG1&2	60KKKK-02	YES	NO	ELCT	NO	CEMS	CMN	YES



**Stationary Turbine Attributes**  
**Form OP-UA11 (Page 14)**  
**Federal Operating Permit Program**  
**Table 6c: Title 40 Code of Federal Regulations (40 CFR Part 60)**  
**Subpart KKKK: Stationary Combustion Turbines**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	Location	SO <sub>2</sub> Standard	Fuel Monitoring	Fuel Quality	Performance Test	Intermediate Storage	Fuel Schedules
GRP-CTG	60KKKK-01							
GRP-CTG1&2	60KKKK-01	NO	NO	YES	SAMP	CTRCT		
GRP-CTG1&2	60KKKK-02	NO	NO	YES	SAMP	CTRCT		

**Boiler/Steam Generator/Steam Generating Unit Attributes**  
**Form OP-UA11 (Page 15)**  
**Federal Operating Permit Program**  
**Table 7a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart TTTT: Standards of Performance for Greenhouse Gas Emissions for Electric Utility Generating Units**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	SOP Index No.	Construction/Reconstruction Date	Standard	Natural Gas Combustion	Net Electric Sales	Fuel Type	CO2 Emissions Determination	Commercial Operation Date
GRP-CTG	60TTTT	2014-						
GRP-CTG1&2	60TTTT	2014-						

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes**  
**Form OP-UA15 (Page 1)**  
**Federal Operating Permit Program**  
**Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)**  
**Subchapter A: Visible Emissions**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
GRP-STK	R1111	NO		OTHER	NONE	72+	100+

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
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**Table 1**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

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
		CTOW1	OP-REQ2	COOLING TOWER 1		38326	PSDTX916
A	3	<u>SW-SBW</u>	<u>OP-PBR SUP</u>	<u>SITEWIDE SOLDERING, BRAZING &amp; WELDING</u>		<u>106.227/09/04/2000</u>	
A	4	<u>SW-MSS</u>	<u>OP-PBR SUP</u>	<u>SITEWIDE MSS</u>		<u>106.263/11/01/2001</u>	
A	5	<u>SW-REF</u>	<u>OP-PBR SUP</u>	<u>SITEWIDE REFRIGERATION SYSTEMS</u>		<u>106.373/09/04/2000</u>	
A	6	<u>WASHER</u>	<u>OP-PBR SUP</u>	<u>PART WASHER</u>		<u>106.454/11/01/2001</u>	
A	7	<u>OVS</u>	<u>OP-PBR SUP</u>	<u>OIL WATER SEPARATOR</u>		<u>106.532/09/04/2000</u>	
		ENG-1	OP-UA2	EMERGENCY GENERATOR		106.511/09/04/2000	
		ENG-2	OP-UA2	FIRE WATER PUMP		106.511/09/04/2000	
		GT1-LOV	OP-UA3	TURBINE 1 LUBE OIL RESERVOIR		38326	PSDTX916

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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**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.
02/16/2024	O2065	RN100218882

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	CTOW1	OP-REQ2		
3	<u>SW-SBW</u>	<u>OP-PBR SUP</u>		
4	<u>SW-MSS</u>	<u>OP-PBR SUP</u>		
5	<u>SW-REF</u>	<u>OP-PBR SUP</u>		
6	<u>WASHER</u>	<u>OP-PBR SUP</u>		
7	<u>OWS</u>	<u>OP-PBR SUP</u>		
	ENG-1	OP-UA2		
	ENG-2	OP-UA2		
	GT1-LOV	OP-UA3		GRP-TNK

**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.
02/16/2024	O2065	RN100218882

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
		GT2-LOV	OP-UA3	TURBINE 2 LUBE OIL RESERVOIR		38326	PSDTX916
		GT3-LOV	OP-UA3	TURBINE 3 LUBE OIL RESERVOIR		38326	PSDTX916
		GT4-LOV	OP-UA3	TURBINE 4 LUBE OIL RESERVOIR		38326	PSDTX916
		ST1-LOV	OP-UA3	STEAM TURBINE 1 LUBE OIL RESERVOIR		38326	PSDTX916
		ST2-LOV	OP-UA3	STEAM TURBINE 2 LUBE OIL RESERVOIR		38326	PSDTX916
A	12	<u>TK-ENG1</u>	<u>OP-UA3</u>	<u>EMERGENCY GENERATOR DIESEL STORAGE TANK</u>		<u>106.472/09/04/2000</u>	
A	13	<u>TK-ENG2</u>	<u>OP-UA3</u>	<u>FIRE PUMP STORAGE TANK</u>		<u>106.472/09/04/2000</u>	
A	14	<u>COND-TK</u>	<u>OP-UA3</u>	<u>NATURAL GAS CONDENSATE STORAGE TANK</u>		<u>106.473/09/04/2000[80909]</u>	

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**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
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**Table 2**

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
02/16/2024	O2065	RN100218882

<b>Revision No.</b>	<b>ID No.</b>	<b>Applicable Form</b>	<b>Group AI</b>	<b>Group ID No.</b>
	GT2-LOV	OP-UA3		GRP-TNK
	GT3-LOV	OP-UA3		GRP-TNK
	GT4-LOV	OP-UA3		GRP-TNK
	ST1-LOV	OP-UA3		GRP-TNK
	ST2-LOV	OP-UA3		GRP-TNK
12	<u><b>TK-ENG1</b></u>	<u><b>OP-UA3</b></u>	A	<u><b>GRP-TNK</b></u>
13	<u><b>TK-ENG2</b></u>	<u><b>OP-UA3</b></u>	A	<u><b>GRP-TNK</b></u>
14	<u><b>COND-TK</b></u>	<u><b>OP-UA3</b></u>		

Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
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Table 1

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	15	<u>NAOCL-TK</u>	<u>OP-UA3</u>	<u>SODIUM HYPOCHLORITE STORAGE TANK</u>		<u>106.532/09/04/2000</u>	
A	16	<u>H2SO4-TK</u>	<u>OP-UA3</u>	<u>SULFURIC ACID STORAGE TANK</u>		<u>106.532/09/04/2000</u>	
A	17	<u>CI-TK</u>	<u>OP-UA3</u>	<u>CORROSION INHIBITOR STORAGE TANK</u>		<u>106.532/09/04/2000</u>	
D	18	<u>VOCXFER</u>	<u>OP-UA4</u>	<u>ORGANIC LIQUID TRANSFERS SITEWIDE</u>		<u>106.472/09/04/2000</u>	
A	19	<u>GT1-LOV</u>	<u>OP-UA4</u>	<u>TURBINE 1 LUBE OIL RESERVOIR</u>		<u>38326</u>	<u>PSDTX916</u>
A	20	<u>GT2-LOV</u>	<u>OP-UA4</u>	<u>TURBINE 2 LUBE OIL RESERVOIR</u>		<u>38326</u>	<u>PSDTX916</u>
A	21	<u>GT3-LOV</u>	<u>OP-UA4</u>	<u>TURBINE 3 LUBE OIL RESERVOIR</u>		<u>38326</u>	<u>PSDTX916</u>
A	22	<u>GT4-LOV</u>	<u>OP-UA4</u>	<u>TURBINE 4 LUBE OIL RESERVOIR</u>		<u>38326</u>	<u>PSDTX916</u>

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**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
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**Table 2**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
15	<u>NAOCL-TK</u>	<u>OP-UA3</u>	A	<u>GRPIOCTKS</u>
16	<u>H2SO4-TK</u>	<u>OP-UA3</u>	A	<u>GRPIOCTKS</u>
17	<u>CI-TK</u>	<u>OP-UA3</u>	A	<u>GRPIOCTKS</u>
18	<del>VOCXFER</del>	<del>OP-UA4</del>		
19	<u>GT1-LOV</u>	<u>OP-UA4</u>	A	<u>GRPVOCXFER</u>
20	<u>GT2-LOV</u>	<u>OP-UA4</u>	A	<u>GRPVOCXFER</u>
21	<u>GT3-LOV</u>	<u>OP-UA4</u>	A	<u>GRPVOCXFER</u>
22	<u>GT4-LOV</u>	<u>OP-UA4</u>	A	<u>GRPVOCXFER</u>

**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
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**Table 1**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	23	<u>ST1-LOV</u>	<u>OP-UA4</u>	<u>STEAM TURBINE 1 LUBE OIL RESERVOIR</u>		<u>38326</u>	<u>PSDTX916</u>
A	24	<u>ST2-LOV</u>	<u>OP-UA4</u>	<u>STEAM TURBINE 2 LUBE OIL RESERVOIR</u>		<u>38326</u>	<u>PSDTX916</u>
A	25	<u>TK-ENG1</u>	<u>OP-UA4</u>	<u>EMERGENCY GENERATOR DIESEL STORAGE TANK</u>		<u>106.472/09/04/2000</u>	
A	26	<u>TK-ENG2</u>	<u>OP-UA4</u>	<u>FIRE PUMP STORAGE TANK</u>		<u>106.472/09/04/2000</u>	
A	27	<u>COND-TK</u>	<u>OP-UA4</u>	<u>NATURAL GAS CONDENSATE STORAGE TANK</u>		<u>106.473/09/04/2000[80909]</u>	
		CTG-1	OP-UA6	TURBINE/HRSG-1		38326	PSDTX916
		CTG-2	OP-UA6	TURBINE/HRSG-2		38326	PSDTX916
		CTG-3	OP-UA6	TURBINE/HRSG-3		38326	PSDTX916
		CTG-4	OP-UA6	TURBINE/HRSG-4		38326	PSDTX916

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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

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**Texas Commission on Environmental Quality  
Federal Operating Permit Program  
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Form OP-SUMR**

**Table 2**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
23	<u><b>ST1-LOV</b></u>	<u><b>OP-UA4</b></u>	A	<u><b>GRPVOCXFER</b></u>
24	<u><b>ST2-LOV</b></u>	<u><b>OP-UA4</b></u>	A	<u><b>GRPVOCXFER</b></u>
25	<u><b>TK-ENG1</b></u>	<u><b>OP-UA4</b></u>	A	<u><b>GRPVOCXFER</b></u>
26	<u><b>TK-ENG2</b></u>	<u><b>OP-UA4</b></u>	A	<u><b>GRPVOCXFER</b></u>
27	<u><b>COND-TK</b></u>	<u><b>OP-UA4</b></u>		
	CTG-1	OP-UA6		GRP-CTG1&2
	CTG-2	OP-UA6		GRP-CTG1&2
	CTG-3	OP-UA6		GRP-CTG
	CTG-4	OP-UA6		GRP-CTG

**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.
02/16/2024	O2065	RN100218882

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
		CTG-1	OP-UA11	TURBINE/HRSG-1		38326	PSDTX916
		CTG-2	OP-UA11	TURBINE/HRSG-2		38326	PSDTX916
		CTG-3	OP-UA11	TURBINE/HRSG-3		38326	PSDTX916
		CTG-4	OP-UA11	TURBINE/HRSG-4		38326	PSDTX916
		EP-1	OP-UA15	STACK		38326	PSDTX916
		EP-2	OP-UA15	STACK		38326	PSDTX916
		EP-3	OP-UA15	STACK		38326	PSDTX916
		EP-4	OP-UA15	STACK		38326	PSDTX916

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

**Table 2**

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>
02/16/2024	O2065	RN100218882

<b>Revision No.</b>	<b>ID No.</b>	<b>Applicable Form</b>	<b>Group AI</b>	<b>Group ID No.</b>
	CTG-1	OP-UA11		GRP-CTG1&2
	CTG-2	OP-UA11		GRP-CTG1&2
	CTG-3	OP-UA11		GRP-CTG
	CTG-4	OP-UA11		GRP-CTG
	EP-1	OP-UA15		GRP-STK
	EP-2	OP-UA15		GRP-STK
	EP-3	OP-UA15		GRP-STK
	EP-4	OP-UA15		GRP-STK

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

**Table 3: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO<sub>2</sub> Trading Program**

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO <sub>2</sub>	Texas SO <sub>2</sub> Monitoring	COR
CTG-1	OP-UA11	1	YES	RENEW	YES	CEMSD	NO		YES
CTG-2	OP-UA11	2	YES	RENEW	YES	CEMSD	NO		YES
CTG-3	OP-UA11	3	YES	RENEW	YES	CEMSD	NO		YES
CTG-4	OP-UA11	4	YES	RENEW	YES	CEMSD	NO		YES

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

<b>Date:</b> 02/16/2024	<b>Regulated Entity No.:</b> RN100218882	<b>Permit No.:</b> O2065
<b>Company Name:</b> Luminant Generation Company LLC	<b>Area Name:</b> Lamar Power Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
10	ENG-1	OP-UA2	63ZZZZ	HAPS	MACT ZZZZ	§ 63.6603(a)-Table2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) <b>§ 63.6625(f)</b> § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)
11	ENG-2	OP-UA2	63ZZZZ	HAPS	MACT ZZZZ	§ 63.6603(a)-Table2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) <b>§ 63.6625(f)</b> § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)

**Applicable Requirements Summary  
Form OP-REQ3 (Page 2)  
Federal Operating Permit Program  
Table 1b: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
10	ENG-1	63ZZZZ	HAPS	<del>§ 63.6625(f)</del> § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) <del>§ 63.6655(d)</del> § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
11	ENG-2	63ZZZZ	HAPS	<del>§ 63.6625(f)</del> § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) <del>§ 63.6655(d)</del> § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)



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

**Table 1a: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
	GRP-CTG	OP-UA6	60DB	SO2	NSPS Db	§ 60.40b(a)
	GRP-CTG	OP-UA6	60DB	PM	NSPS Db	§ 60.40b(a)
	GRP-CTG	OP-UA6	60DB	PM (OPACITY)	NSPS Db	§ 60.40b(a)
	GRP-CTG	OP-UA6	60DB	NOX	NSPS Db	§ 60.44b(l)(1) § 60.44b(h) § 60.44b(i) § 60.46b(a) § 60.48b(h)
	GRP-CTG	OP-UA11	60GG	SO2	NSPS GG	§ 60.333(b)
	GRP-CTG	OP-UA11	60GG	NOX	NSPS GG	§ 60.332(a)(1) § 60.332(a)(3)

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

**Table 1b: Additions**

<b>Date:</b> 02/16/2024	<b>Regulated Entity No.:</b> RN100218882	<b>Permit No.:</b> O2065
<b>Company Name:</b> Luminant Generation Company LLC	<b>Area Name:</b> Lamar Power Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-CTG	60DB	SO2	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
	GRP-CTG	60DB	PM	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
	GRP-CTG	60DB	PM (OPACITY)	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
	GRP-CTG	60DB	NOX	§ 60.46b(c) § 60.46b(f) [G]§ 60.46b(f)(1)	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b)
	GRP-CTG	60GG	SO2	§ 60.334(h) [G]§ 60.334(h)(3)	None	None
	GRP-CTG	60GG	NOX	[G]§ 60.335(a) § 60.335(b)(2) § 60.335(b)(3) ** See Periodic Monitoring Summary	None	None

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

**Table 1a: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
	GRP-CTG1&2	OP-UA11	60KKKK-01	NOX	NSPS KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4320(b) § 60.4333(a) § 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345
	GRP-CTG1&2	OP-UA11	60KKKK-01	SO2	NSPS KKKK	§ 60.4330(a)(2) § 60.4333(a)

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

**Table 1b: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-CTG1&2	60KKKK-01	NOX	§ 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(d) § 60.4350(e) § 60.4350(f) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(2) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4350(d) § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
	GRP-CTG1&2	60KKKK-01	SO2	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1)	§ 60.4365(b)	None

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

**Table 1a: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
	GRP-CTG1&2	OP-UA11	60KKKK-02	NOX	NSPS KKKK	§ 60.4320(a)-Table 1 § 60.4320(a) § 60.4320(b) § 60.4333(a) § 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345
	GRP-CTG1&2	OP-UA11	60KKKK-02	SO2	NSPS KKKK	§ 60.4330(a)(2) § 60.4333(a)

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

**Table 1b: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
	GRP-CTG1&2	60KKKK-02	NOX	§ 60.4333(b)(1) § 60.4335(b)(1) [G]§ 60.4345 § 60.4350(a) § 60.4350(b) § 60.4350(d) § 60.4350(e) § 60.4350(f) § 60.4350(h) [G]§ 60.4400(a) § 60.4400(b) § 60.4400(b)(2) § 60.4400(b)(4) § 60.4400(b)(5) § 60.4400(b)(6) [G]§ 60.4405	[G]§ 60.4345 § 60.4350(b)	[G]§ 60.4345 § 60.4350(d) § 60.4375(a) § 60.4380 [G]§ 60.4380(b) § 60.4395
	GRP-CTG1&2	60KKKK-02	SO2	§ 60.4365 § 60.4365(b) § 60.4415(a) § 60.4415(a)(1)	§ 60.4365(b)	None

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

**Table 1a: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>Unit/Group/Process Applicable Form</b>	<b>SOP/GOP Index No</b>	<b>Pollutant</b>	<b>Applicable Regulatory Requirement Name</b>	<b>Applicable Regulatory Requirement Standard(s)</b>
	GRP-STK	OP-UA15	R1111	PM (OPACITY)	Chapter 111	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)

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

**Table 1b: Additions**

<b>Date: 02/16/2024</b>	<b>Regulated Entity No.: RN100218882</b>	<b>Permit No.: O2065</b>
<b>Company Name: Luminant Generation Company LLC</b>	<b>Area Name: Lamar Power Plant</b>	

<b>Revision No.</b>	<b>Unit/Group/Process ID No.</b>	<b>SOP/GOP Index No.</b>	<b>Pollutant</b>	<b>Monitoring and Testing Requirements</b>	<b>Recordkeeping Requirements</b>	<b>Reporting Requirements</b>
	GRP-STK	R1111	PM (OPACITY)	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None



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

Date	Permit No.	Regulated Entity No.
02/16/2024	O2065	RN100218882

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
		CTOW1	OP-UA15	MACT Q	§ 63.400(a)	There are no chromium-based water treatment chemicals used in the cooling tower unit. Therefore, 40 CFR Part 63 Subpart Q, is not applicable to this unit.

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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

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

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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

<b>Form OP-REQ1: Page 2</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots</b>	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso. <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
◆	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. <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span>
<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. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆	b. The application area is subject to 30 TAC § 111.145. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆	c. The application area is subject to 30 TAC § 111.147. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
◆	d. The application area is subject to 30 TAC § 111.149. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>
<b>C. Emissions Limits on Nonagricultural Processes</b>	
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <span style="float: right;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</span> <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements. <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>

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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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<b>Form OP-REQ1: Page 3</b>	
<b>I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)</b>	
<b>C. Emissions Limits on Nonagricultural Processes (continued)</b>	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Emissions Limits on Agricultural Processes</b>	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Outdoor Burning</b>	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

TCEQ - 10043 (APDG 5733v46, Revised 11/20) OP-REQ1

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V IMS Release 11/20)

Form OP-REQ1 Page 3 of 88

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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

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<b>Form OP-REQ1: Page 5</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>C. Industrial Wastewater</b>	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Loading and Unloading of VOCs</b>	
◆ 1. The application area includes VOC loading operations.	<input 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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<b>Form OP-REQ1: Page 6</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>D. Loading and Unloading of VOCs (continued)</b>	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 7</b>		
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)</b>		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)</b>		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



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

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<b>Form OP-REQ1: Page 9</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>H. Control Of Reid Vapor Pressure (RVP) of Gasoline</b>	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries</b>	
1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>J. Surface Coating Processes (Complete this section for GOP applications only.)</b>	
◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 10</b>	
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>K. Cutback Asphalt</b>	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels</b>	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<b>Form OP-REQ1: Page 11</b>		
<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)</b>		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure $\geq$ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>M. Petroleum Dry Cleaning Systems</b>		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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

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<b>Form OP-REQ1: Page 13</b>	
<b>IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds</b>	
<b>A. Applicability</b>	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Utility Electric Generation in Ozone Nonattainment Areas</b>	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V IMS Release 11/20)

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



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<b>Form OP-REQ1: Page 16</b>	
<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products</b>	
<b>A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings</b>	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products</b>	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 17</b>	
<b>V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)</b>	
<b>C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings</b>	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings</b>	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers</b>	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 18</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants</b>	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)</b>	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 19</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)</b>	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>
<b>D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals</b>	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input checked="" type="checkbox"/> NO  <input type="checkbox"/> N/A </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions</b>	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input checked="" type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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></p> </div> <div style="width: 15%;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>

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<b>Form OP-REQ1: Page 20</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO<sub>2</sub>) Emissions (continued)</b>	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><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></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>
◆	<p>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.</p>
<b>F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants</b>	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>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.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES   <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>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.</p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>
<b>G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems</b>	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>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.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES   <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES   <input type="checkbox"/> NO </div> </div>

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

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

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



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<b>Form OP-REQ1: Page 24</b>	
<b>VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)</b>	
<b>J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006</b>	
◆ 1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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<b>Form OP-REQ1: Page 26</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants</b>	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>E. Subpart M - National Emission Standard for Asbestos</b>	
<b><i>Applicability</i></b>	
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
<b><i>Roadway Construction</i></b>	
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
<b><i>Manufacturing Commercial Asbestos</i></b>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 27</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Manufacturing Commercial Asbestos (continued)</i></b>	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Asbestos Spray Application</i></b>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 28</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Asbestos Spray Application (continued)</i></b>	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Fabricating Commercial Asbestos</i></b>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 29</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>E. Subpart M - National Emission Standard for Asbestos (continued)</b>	
<b><i>Fabricating Commercial Asbestos (continued)</i></b>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Non-sprayed Asbestos Insulation</i></b>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b><i>Asbestos Conversion</i></b>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities</b>	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations</b>	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 30</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)</b>	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations</b>	
<b>Applicability</b>	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 31</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Applicability (continued)</b>	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Waste Stream Exemptions</b>	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 32</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Container Requirements</b>	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Individual Drain Systems</b>	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 33</b>	
<b>VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)</b>	
<b>H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)</b>	
<b>Individual Drain Systems (continued)</b>	
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
<b>Remediation Activities</b>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories</b>	
<b>A. Applicability</b>	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry</b>	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 34</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)</b>	
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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater</b>		
<b>Applicability</b>		
1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Vapor Collection and Closed Vent Systems</b>		
6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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<b>Form OP-REQ1: Page 38</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)</b>	
<b>Process Wastewater Streams (continued)</b>	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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



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

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

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This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V IMS Release 11/20)

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

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

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

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

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

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



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

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

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<b>Form OP-REQ1: Page 50</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Containers, Drains, and other Appurtenances</b>	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 51</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 52</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)</b>	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 53</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities</b>	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.</b>	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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<b>Form OP-REQ1: Page 55</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)</b>	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations</b>	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>T. Subpart KK - National Emission Standards for the Printing and Publishing Industry</b>	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>U. Subpart PP - National Emission Standards for Containers</b>	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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

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<b>Form OP-REQ1: Page 57</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 58</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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<b>Form OP-REQ1: Page 62</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 63</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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<b>Form OP-REQ1: Page 64</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)</b>	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins</b>	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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<b>Form OP-REQ1: Page 68</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.</b>	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.</b>	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)</b>	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input 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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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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



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

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**Form OP-REQ1**  
**Federal Operating Permit Program**

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

<b>Form OP-REQ1: Page 73</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 74</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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<b>Form OP-REQ1: Page 75</b>	
<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)</b>	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities</b>	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>GG. Recently Promulgated 40 CFR Part 63 Subparts</b>	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.  <b>Subpart ZZZZ</b>	

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

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<b>Form OP-REQ1: Page 77</b>	
<b>X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)</b>	
<b>F. Subpart F - Recycling and Emissions Reduction</b>	
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>G. Subpart G - Significant New Alternatives Policy Program</b>	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>H. Subpart H -Halon Emissions Reduction</b>	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>XI. Miscellaneous</b>	
<b>A. Requirements Reference Tables (RRT) and Flowcharts</b>	
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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<b>Form OP-REQ1: Page 78</b>	
<b>XI. Miscellaneous (continued)</b>	
<b>B. Forms</b>	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
<b>C. Emission Limitation Certifications</b>	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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



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

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

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<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>K. Periodic Monitoring</b>		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input checked="" type="checkbox"/> YES <input 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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<b>XI. Miscellaneous (continued)</b>		
<b>L. Compliance Assurance Monitoring</b>		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

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

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

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

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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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<b>Form OP-REQ1: Page 87</b>			
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>			
<b>E. PSD Permits and PSD Major Pollutants</b>			
PSD Permit No.: PSDTX916	Issuance Date: 02/27/2023	Pollutant(s): Pollutant(s): CO, NO <sub>x</sub> , PM <sub>10</sub> , SO <sub>2</sub> , VOC	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>F. Nonattainment (NA) Permits and NA Major Pollutants</b>			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: <a href="http://www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html">www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</a>.</i>			
<b>G. NSR Authorizations with FCAA § 112(g) Requirements</b>			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
<b>◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area</b>			
Authorization No.: 38326	Issuance Date: 02/27/2023	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:



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

Date:	02/16/2024
Permit No.:	O2065
RN No.:	RN100218882

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

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

<b>Form OP-REQ1: Page 88</b>	
<b>XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)</b>	
◆ <b>I. Permits by Rule (30 TAC Chapter 106) for the Application Area</b>	
A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.	
PBR No: 106.227	Version No./Date: 09/04/2000
PBR No: 106.263	Version No./Date: 11/01/2001
PBR No: <b>106.265</b>	Version No./Date: <b>09/04/2000</b>
PBR No: 106.373	Version No./Date: 09/04/2000
PBR No: <b>106.452</b>	Version No./Date: <b>09/04/2000</b>
PBR No: 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
PBR No: <b>106.478</b>	Version No./Date: <b>09/04/2000</b>
PBR No: 106.511	Version No./Date: 09/04/2000
PBR No: 106.532	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ <b>J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum</b>	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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

Date	Permit Number	Regulated Entity Number
02/16/2024	O2065	RN100218882

Unit ID No.	Registration No.	PBR No.	Registration Date
COND-TK	80909	106.473	02/28/2007

**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**  
**[ADD FORM]**

Date	Permit Number	Regulated Entity Number
02/16/2024	O2065	RN100218882

Unit ID No.	PBR No.	Version No./Date
SW-SBW	106.227	09/04/2000
SW-MSS	106.263	11/01/2001
SW-REF	106.373	09/04/2000
WASHER	106.454	11/01/2001
OWS	106.532	09/04/2000
ENG-1	106.511	09/04/2000
ENG-2	106.511	09/04/2000
TK-ENG1	106.472	09/04/2000
TK-ENG2	106.472	09/04/2000
NAOCL-TK	106.532	09/04/2000
H2SO4-TK	106.532	09/04/2000
CI-TK	106.532	09/04/2000

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

Date	Permit Number	Regulated Entity Number
02/16/2024	O2065	RN100218882

PBR No.	Version No./Date
106.102	09/04/2000
106.122	09/04/2000
106.266	09/04/2000
106.372	09/04/2000

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

Date	Permit Number	Regulated Entity Number
02/16/2024	O2065	RN100218882

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
COND-TK	106.473	80909	Estimate maximum possible emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep records of the material stored and volume removed from the tank per event. Compliance is demonstrated if the volume removed is less than 48,000 gallons per year and less than 20,000 gallons per day averaged over any consecutive 30-day period.
SW-SBW	106.227	09/04/2000	Estimate maximum emission rates using emission factors in AP-42 Tables 12.19-1 and 12.19-2 and an estimated maximum material usage rate. Keep records of the quantity of soldering, welding, and brazing materials purchased to demonstrate that actual material usage is less than the estimated maximum material usage rate.
SW-MSS	106.263	11/01/2001	Keep the records required by §106.263(g). Once each month, sum 12-month rolling emissions for each pollutant to demonstrate compliance with the emission limits in §106.4.
SW-REF	106.373	09/04/2000	Keep records of refrigerants used.
WASHER	106.454	11/01/2001	Keep monthly records of total solvent makeup (gross usage minus waste disposal).
OVS	106.532	09/04/2000	Estimate maximum possible VOC emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep Safety Data Sheets of the material treated.
ENG-1	106.511	09/04/2000	Calculate maximum emissions of CO, NO <sub>x</sub> , PM, PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , and VOC using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Record total hours of operation each month.

TCEQ-20875 (APD-ID 102v1, revised 05/22) OP-PBRSUP  
This form for use by facilities subject to air quality permit requirements and  
may be revised periodically (Title V IMS Release 05/20)

Form OP-PBRSUP Page 4 of 5

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

Date	Permit Number	Regulated Entity Number
02/16/2024	O2065	RN100218882

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TK-ENG1	106.472	09/04/2000	Estimate maximum possible emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep records of the material stored. No visible emissions monitoring is needed because the material stored is diesel.
TK-ENG2	106.472	09/04/2000	Estimate maximum possible emissions using the calculation methodology and emission factors listed in AP-42 to demonstrate compliance with the emission limits in §106.4. Keep records of the material stored. No visible emissions monitoring is needed because the material stored is diesel.
NAOCL-TK	106.532	09/04/2000	Keep records of the material stored.
H2SO4-TK	106.532	09/04/2000	Keep records of the material stored.
CI-TK	106.532	09/04/2000	Keep records of the material stored.

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

DATE: 02/16/2024

<b>I. Identifying Information</b>		
Account No.: <b>LA-0182-R</b>	RN No.: <b>RN100218882</b>	CN: <b>CN603256413</b>
Permit No.: <b>O2065</b>	Project No.: <b>TBA</b>	
Area Name: <b>Lamar Power Plant</b>		
Company Name: <b>Luminant Generation Company LLC</b>		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.: <b>28</b>		
Unit/EPN/Group/Process ID No.: <b>GRP-STK</b>		
Applicable Form: <b>OP-UA15</b>		
<b>III. Applicable Regulatory Requirement</b>		
Name: <b>Chapter 111</b>		
SOP/GOP Index No.: <b>R1111</b>		
Pollutant: <b>PM(OPACITY)</b>		
Main Standard: <b>111.111(a)(1)(C)</b>		
<b>IV. Title V Monitoring Information</b>		
Monitoring Type: <b>PM</b>		
Unit Size:		
CAM/PM Option No.: <b>PM-P-029 PM-P-030</b>		
Deviation Limit: <b>45% <u>Fuel other than natural gas</u></b>		
CAM/PM Option No.:		
Deviation Limit:		
<b>V. Control Device Information</b>		
Control Device ID No.:		
Control Device Type:		

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

DATE: 02/16/2024

<b>I. Identifying Information</b>		
Account No.: <b>LA-0182-R</b>	RN No.: <b>RN100218882</b>	CN: <b>CN603256413</b>
Permit No.: <b>O2065</b>	Project No.: <b>TBA</b>	
Area Name: <b>Lamar Power Plant</b>		
Company Name: <b>Luminant Generation Company LLC</b>		
<b>II. Unit/Emission Point/Group/Process Information</b>		
Revision No.:		
Unit/EPN/Group/Process ID No.: <b>GRP-CTG</b>		
Applicable Form: <b>OP-UA11</b>		
<b>III. Applicable Regulatory Requirement</b>		
Name: <b>NSPS Subpart GG</b>		
SOP/GOP Index No.: <b>60GG</b>		
Pollutant: <b>NOX</b>		
Main Standard: <b>60.332(a)(1)</b>		
Monitoring Type: <b>PM</b>		
Unit Size:		
Deviation Limit: <b>Maximum NOx concentration = 112 ppmv at 15% oxygen, dry basis</b>		
<b>IV. Control Device Information</b>		
Control Device ID No.:		
Device Type:		
<b>V. CAM Case-by-case</b>		
<b>VI. Periodic Monitoring Case-by-case</b>		
Indicator: <b>NOx Concentration</b>	Minimum Frequency: <b>Four times per hour</b>	
Averaging Period: <b>4-hour rolling average</b>		
<p>Periodic Monitoring Text: <b>Use a continuous emissions monitoring system (CEMS) to measure and record the concentration on nitrogen oxides (NOx) and either oxygen (O<sub>2</sub>) or carbon dioxide (CO<sub>2</sub>) in the exhaust stream of the combustion turbine and duct burners. The CEMS shall meet the design and performance specifications, pass the field tests, and meet installation requirements and data analysis and reporting requirements specified in the applicable performance specifications in 40 CFR Part 75, Appendix A. It is not required to use either the missing data substitution methodology provided for at 40 CFR Part 75, Subpart D or the data bias adjustment methodology in Part 75. Only valid hourly data shall be used to calculate 4-hour rolling average concentrations. A 4-hour rolling average shall be valid only if at least 3 of the hourly average emission rates used in the calculation are valid hourly data. For any hour in which the hourly average O<sub>2</sub> concentration exceeds 19.0 percent, a diluent cap of 19.0 percent O<sub>2</sub> may be used in the emissions calculations, or as an alternative, for any hour in which the hourly average CO<sub>2</sub> concentration is less than 1.0 percent, a diluent cap of 1.0 percent CO<sub>2</sub> may be used in the emissions calculations.</b></p>		





**Texas Commission on Environmental Quality**  
**Form OP-AR1**  
**Acid Rain Permit Application**  
**Federal Operating Permit Processes**

Date: <b>02/16/2024</b>	Permit Name: <b>Lamar Power Plant</b>	ORIS Code: <b>55097</b>
Account No.: <b>LA-0182-R</b>	RN: <b>RN100218882</b>	CN: <b>CN603256413</b>
AIRS No.:	FINDS No.:	Submission: New <input type="checkbox"/> Revised <input type="checkbox"/> Renewal <input checked="" type="checkbox"/>

Unit ID No.	NADB No.	Unit Will Hold SO <sub>2</sub> Allowances Per 40 CFR § 72.9(c)(1)	NO <sub>x</sub> Limitation*	New Units Commence Operation Date	New Units Monitor Certification Deadline
CTG-1	1	Yes	NO		
CTG-2	2	Yes	NO		
CTG-3	3	Yes	NO		
CTG-4	4	Yes	NO		

*Note: If NO<sub>x</sub> Limitation is “YES” (this applies to coal-fired units only), the unit is subject to the NO<sub>x</sub> limitations of 40 CFR Part 76 and the Designated Representative must submit an Acid Rain Program Phase II NO<sub>x</sub> Compliance plan (EPA Form 7610-28).*

## Texas Commission on Environmental Quality

Title V Existing

2065

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	LAMAR POWER PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3205 FARM ROAD 137
City	PARIS
State	TX
ZIP	75460
County	LAMAR
Latitude (N) (##.#####)	33.630833
Longitude (W) (-###.#####)	95.59
Primary SIC Code	4911
Secondary SIC Code	
Primary NAICS Code	221112
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100218882
What is the name of the Regulated Entity (RE)?	LAMAR POWER PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3205 FARM ROAD 137
City	PARIS
State	TX
ZIP	75460
County	LAMAR
Latitude (N) (##.#####)	33.630833
Longitude (W) (-###.#####)	-95.59
Facility NAICS Code	
What is the primary business of this entity?	ELECTRIC GENERATING STATION

### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN603256413
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Luminant Generation Company LLC
Texas SOS Filing Number	800881216
Federal Tax ID	752967820
State Franchise Tax ID	17529678207
State Sales Tax ID	

Local Tax ID	
DUNS Number	102247793
Number of Employees	501+
Independently Owned and Operated?	Yes

## Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MS
First	RENEE
Middle	
Last	COLLINS
Suffix	
Credentials	
Title	SR DIRECTOR ENVIRONMENTAL SERVICES
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75039
Phone (###-###-####)	2148758338
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2148758699
E-mail	renee.collins@luminant.com

## Designated Representative Contact

Person TCEQ should contact for questions about this application:

Select existing DR contact or enter a new contact.	CYNTHIA VODOPIVEC(VISTRA CORP... )
Organization Name	VISTRA CORP
Prefix	MS
First	CYNTHIA
Middle	
Last	VODOPIVEC
Suffix	
Credentials	
Title	SVP ENVIRONMENTAL HEALTH AND SAFETY
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if	750 WORCESTER ST

applicable)	
Routing (such as Mail Code, Dept., or Attn:)	
City	INDIAN ORCHARD
State	MA
Zip	01151
Phone (###-###-####)	2148122050
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cynthia.vodopivec@vistracorp.com

## Alternate Designated Representative Contact

Person TCEQ should contact for questions about this application:	
Select existing ADR contact or enter a new contact.	RENEE COLLINS(LUMINANT GENERA... )
Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MS
First	RENEE
Middle	
Last	COLLINS
Suffix	
Credentials	
Title	SR DIRECTOR ENVIRONMENTAL SERVICES
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
Zip	75039
Phone (###-###-####)	2148758338
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2148758699
E-mail	renee.collins@luminant.com

## Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	RODERICK HARGER(LUMINANT GENERA... )
Organization Name	LUMINANT GENERATION COMPANY LLC
Prefix	MR
First	RODERICK
Middle	
Last	HARGER

Suffix	PE
Credentials	
Title	ENVIRONMENTAL SPECIALIST
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	6555 SIERRA DR
Routing (such as Mail Code, Dept., or Attn:)	
City	IRVING
State	TX
ZIP	75039
Phone (###-###-####)	9725070184
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Roderick.Harger@vistracorp.com

## Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	33 Deg 37 Min 51 Sec
3) Permit Longitude Coordinate:	95 Deg 35 Min 24 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) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	Yes
5.1. Who will electronically sign the Acid Rain Program or Cross-State Air Pollution Rule portion of this application?	Alternate Designated Representative

## Title V Attachments Existing

Attach OP-1 (Site Information Summary)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183474>OP_1_2024-02-16 O2065 OP-1.pdf</a>
Hash	9B8441BBF60CD59B7D9C4AF91D58D28316E078414C7D0E3046FA4622757D8547
MIME-Type	application/pdf
Attach OP-2 (Application for Permit Revision/Renewal)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183475>OP_2_2024-02-16 O2065 OP-

2.pdf</a>	
Hash	D296E90658CA5EA0BC46F7C0B80E2F962F71B87CCFD4653AB2526FDFB396D81E
MIME-Type	application/pdf
Attach OP-ACPS (Application Compliance Plan and Schedule)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183476>OP_ACPS_2024-02-16 O2065 OP-ACPS.pdf</a>
Hash	2BC26FE89FDD9952BEFFB4BA8AD44BC52AEBF69BA6302C04267A819023DF6C1F
MIME-Type	application/pdf
Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183477>OP_REQ1_2024-02-16 O2065 OP-REQ1.pdf</a>
Hash	7B95872E3673738E757BDBB942E6F66C7129E1572D27CF64C45005C85A429039
MIME-Type	application/pdf
Attach OP-REQ2 (Negative Applicable Requirement Determinations)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183478>OP_REQ2_2024-02-16 O2065 OP-REQ2.pdf</a>
Hash	B8EBE639D674AEDE5CA7E509BF14F7F4E285D5CBA9D5F1616A646D6B228F0FAA
MIME-Type	application/pdf
Attach OP-REQ3 (Applicable Requirements Summary)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183479>OP_REQ3_2024-02-16 O2065 OP-REQ3.pdf</a>
Hash	64171068BAC0725569673A0F1245EF3E2CA222467E3282F16D8A13A6C754F9F6
MIME-Type	application/pdf
Attach OP-PBR SUP (Permits by Rule Supplemental Table)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183480>OP_PBR SUP_2024-02-16 O2065 OP-PBR SUP.pdf</a>
Hash	40AC0A5740980966F9DB836C99A1E7B7B4BE1F0C2A42A267875B0EF69B8C6B12
MIME-Type	application/pdf
Attach OP-SUMR (Individual Unit Summary for Revisions)	
[File Properties]	
File Name	<a href=/ePermitsExternal/faces/file?fileId=183481>OP_SUMR_2024-02-16 O2065 OP-SUMR.pdf</a>
Hash	0C7BFE0DB80F0D2A468E579850C77F6D2A72831787E693A9CD64A2CC962FB641
MIME-Type	application/pdf
Attach OP-MON (Monitoring Requirements)	

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=183482>OP_MON_2024-02-16 O2065 OP-MON.pdf</a>
Hash	1537FBD8D0D54721DB4DC32C3F4078C0BFDAA991A7C0F5EE4AE19FBF10814886
MIME-Type	application/pdf

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=183483>2024-02-16 O2065 OP-UA Forms.pdf</a>
Hash	9FCC21E783CC7AC3AA4236802FB963F3B6861DBF98F634B1E8ED569058C7B935
MIME-Type	application/pdf

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

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=183484>OP_AR1_2024-02-16 O2065 OP-AR1.pdf</a>
Hash	ACA319F3D3DDEF4F582A6A7BCC5BD075301E0EF9A8665B34C7CD6039B95FBE71
MIME-Type	application/pdf

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=183485>2024-02-16 O2065 Introduction and Other Information.pdf</a>
Hash	CFA042DCE46C6BAB8F38799546B9A21EF3E597EBC6B14649E81857B92F08183B
MIME-Type	application/pdf

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

## Expedite Title V

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

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

1. I am Renee A Collins, the owner of the STEERS account ER009906.
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 2065.
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: Renee A Collins OWNER OPERATOR

Account Number:	ER009906
Signature IP Address:	165.225.216.228
Signature Date:	2024-02-16
Signature Hash:	9332F35233C8B240C6A8B348B1D228B46A82A6AED6E22D27837D8861BA9B1C34
Form Hash Code at time of Signature:	6A0BFEE16A6DBC1D00BEB5975FA93DE5CF0EAAFD25A0FC1601C9D5CD94FD37B3

## Certification

I certify that I am the Alternate Designated Representative for this application and am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

1. I am Renee A Collins, the owner of the STEERS account ER009906.
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 2065.
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: Renee A Collins OWNER OPERATOR

Account Number:	ER009906
Signature IP Address:	165.225.216.228
Signature Date:	2024-02-16
Signature Hash:	9332F35233C8B240C6A8B348B1D228B46A82A6AED6E22D27837D8861BA9B1C34
Form Hash Code at time of Signature:	6A0BFEE16A6DBC1D00BEB5975FA93DE5CF0EAAFD25A0FC1601C9D5CD94FD37B3

## Submission

Reference Number:	The application reference number is 629352
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Submitted by:

The application was submitted by  
ER009906/Renee A Collins

Submitted Timestamp:

The application was submitted on 2024-02-16  
at 13:52:42 CST

Submitted From:

The application was submitted from IP address  
165.225.216.228

Confirmation Number:

The confirmation number is 521049

Steers Version:

The STEERS version is 6.73

Permit Number:

The permit number is 2065

## Additional Information

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Application Creator: This account was created by Roderick Harger

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