

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

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

I. Company Identifying Information
A. Company Name: Alamo Mission LLC
B. Customer Reference Number (CN): CN605700061
C. Submittal Date (mm/dd/yyyy): 12/04/2024
II. Site Information
A. Site Name: Alamo Mission
B. Regulated Entity Reference Number (RN): RN110852753
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Adam Merkel
RO Title: Datacenter Operations Facilities Manager
Employer Name: Alamo Mission LLC
Mailing Address: 156 N Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154-1498
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (918) 373-7005
Fax No.:
Email: merkelam@google.com

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Melissa Ryan
Technical Contact Title: Principal Consultant
Employer Name: Trinity Consultants, Inc.
Mailing Address: 1800 West Loop South, Suite 1000
City: Houston
State: Texas
ZIP Code: 77027
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-552-13781 ext.208
Fax No.:
Email: mryan@trinityconsultants.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Brian Birdwell
B. State Representative: Brian Harrison
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Alamo Mission Data Center
B. Physical Address: 156 N Austin Blvd.
City: Red Oak
State: Texas
ZIP Code: 75154-1498
C. Physical Location:
D. Nearest City: Red Oak
E. State: Texas
F. ZIP Code: 75154

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

X. Application Area Information <i>(continued)</i>
G. Latitude (nearest second): 32° 31' 54.4296" N
H. Longitude (nearest second): 96° 47' 33.0972" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 10 (emission groups)
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Red Oak Public Library
B. Physical Address: 101 Live Oak Dr
City: Red Oak
ZIP Code: 75154
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Adam Merkel
Contact Mailing Address: 156 N Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154-1498
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 918-373-7005

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

XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ALAMO MISSION
Does the site have a physical address?	Yes
Physical Address	
Number and Street	156 N AUSTIN BLVD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	518210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110852753
What is the name of the Regulated Entity (RE)?	ALAMO MISSION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	500 E OVILLA RD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Facility NAICS Code	518210
What is the primary business of this entity?	DATA CENTER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605700061
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Alamo Mission LLC
Texas SOS Filing Number	803230992
Federal Tax ID	832544802
State Franchise Tax ID	32069675737
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Alamo Mission LLC
Prefix	MR
First	Adam
Middle	
Last	Merkel
Suffix	
Credentials	
Title	Datacenter Operations Facilities Manager
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	156 N AUSTIN BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	RED OAK
State	TX
ZIP	75154
Phone (###-###-####)	9183737005
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	merkelam@google.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Trinity Consultants
Prefix	MS
First	Melissa
Middle	
Last	Ryan
Suffix	
Credentials	
Title	Principal Consultant
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1800 WEST LOOP S STE 1000
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON

State	TX
ZIP	77027
Phone (###-###-####)	7135521371
Extension	208
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mryan@trinityconsultants.com

Title V General Information - New

1) Permit Latitude Coordinate:	32 Deg 31 Min 54 Sec
2) Permit Longitude Coordinate:	96 Deg 47 Min 33 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4709-37459
4) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)

[File Properties]

File Name	OP-1 2025-0623.pdf
Hash	22196275EB13CC318184FAD2905025D2569E15D53DCCEC1F7C18B3B6D3DC55A2
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

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

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 Adam M Merkel, the owner of the STEERS account ER087239.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V New.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Adam M Merkel OWNER OPERATOR

Account Number:	ER087239
Signature IP Address:	199.87.248.166
Signature Date:	2025-06-25
Signature Hash:	BD99034361AE52AB5CD6E929CE31751CBF9274B6C4E7C61902EC79AB2473FB47
Form Hash Code at time of Signature:	E5E10142B9AB5A483656273E99E80D646274038148082E5A51D7011E77CA3463

Submission

Reference Number:	The application reference number is 795315
Submitted by:	The application was submitted by ER087239/Adam M Merkel
Submitted Timestamp:	The application was submitted on 2025-06-25 at 16:45:10 CDT
Submitted From:	The application was submitted from IP address 199.87.248.166
Confirmation Number:	The confirmation number is 661044
Steers Version:	The STEERS version is 6.91

Additional Information

Application Creator: This account was created by Melissa Ryan

From: Primavera Trevino
Sent: Wednesday, June 25, 2025 5:27 PM
To: Melissa Ryan
Cc: Mark Meyer
Subject: RE: Working Draft Permit -- FOP 04709/Project 37459, Alamo Mission LLC/Alamo Mission

I have received the updated Form OP-1 in STEERS, thank you!

Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Wednesday, June 25, 2025 4:48 PM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP 04709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

The updated OP-1 form has been submitted through STEERS. The STEERS reference ID is 795315.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Thursday, June 19, 2025 5:44 PM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Subject: FW: Working Draft Permit -- FOP 04709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

While reviewing the updated forms there are a few items that needs to be revised. The mailing address under the Responsible Official (RO) Identifying Information (Form OP-1, page 2), Application Area Information Physical Address (Form OP-1, page 4), and the Public Notice Contact Mailing Address (Form OP-1, page 5) will need to be updated to 156 N Austin Blvd., Red Oak, TX 75154-1498.

The emails below provided me with the information regarding the address change in our database. **Please revise Form OP-1 (pages 2, 4, and 5) by 06/25/2025 and submit through STEERS for certification.** Contact me if you have any questions, thank you.

Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Tuesday, May 13, 2025 9:50 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Working Draft Permit -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I sent a request to update the site and mailing address for the public notice contact. I received an email back mentioning that the address provided was not USPS verified or acknowledged. We currently have the address 156 N Austin Blvd., Red Oak, TX 75154-1498 for the public notice contact. This address was provided to us by Adam Merkel via email on 01/24/2025.

Please revise and submit Form OP-1 with the address provided above for the public notice contact mailing address and the RO mailing address through STEERS. Please submit Form OP-DEL through STEERS as well by **05/16/2025**. Please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Monday, May 12, 2025 5:55 PM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: APIRT <apirt@tceq.texas.gov>; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Title V IMS Data Entry Project #37459

Hey Primavera,

There was originally a mailing address of 500 E Ovilla Rd., Red Oak, TX 75154, and now the 330 Austin Blvd., Red Oak, TX 75154, these addresses are not acknowledged by the United States Postal Service, (USPS). The mailing address needs to be acknowledged by the USPS; when it's verified and acknowledged by USPS and accepted, we do not see the message error "address not found" and it will also give you the 4-digit extension after the zip code.

Please refer to the file: 20250124-01EMAIL_Updated address, this is an address that is acknowledged by USPS, (156 N Austin Blvd., Red Oak, TX 75154-1498), and was provided by the company to be listed.

Since the RO's address has the one listed above and he is also the public notice contact, that address needs to stay as is because that is the verifiable address that is acknowledged by USPS.

Again, the address needs to be acknowledged and verifiable through USPS.

I hope that helps.

Regards,
Rosa Mora-Nichols

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Monday, May 12, 2025 12:56 PM
To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Cc: APIRT <apirt@tceq.texas.gov>; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Title V IMS Data Entry Project #37459

Good afternoon,

Can you please update the site address and mailing address of the public notice contact for Project No. 37459, Permit O4709. I have attached their updated OP-1. Please let me know if you need anything else from me, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

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Sent: Wednesday, June 25, 2025 4:48 PM
To: Primavera Trevino
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Primavera,

The updated OP-1 form has been submitted through STEERS. The STEERS reference ID is 795315.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

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Thank you,
Primavera Treviño
(512) 239-6209

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Sent: Monday, May 12, 2025 5:55 PM
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Cc: APIRT <apirt@tceq.texas.gov>; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Title V IMS Data Entry Project #37459

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Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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Regards,
Rosa Mora-Nichols

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Monday, May 12, 2025 12:56 PM
To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Cc: APIRT <apirt@tceq.texas.gov>; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Title V IMS Data Entry Project #37459

Good afternoon,

Can you please update the site address and mailing address of the public notice contact for Project No. 37459, Permit O4709. I have attached their updated OP-1. Please let me know if you need anything else from me, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

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

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

I. Company Identifying Information
A. Company Name: Alamo Mission LLC
B. Customer Reference Number (CN): CN605700061
C. Submittal Date (mm/dd/yyyy): 12/04/2024
II. Site Information
A. Site Name: Alamo Mission
B. Regulated Entity Reference Number (RN): RN110852753
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Adam Merkel
RO Title: Datacenter Operations Facilities Manager
Employer Name: Alamo Mission LLC
Mailing Address: 330 Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (918) 373-7005
Fax No.:
Email: merkelam@google.com

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Melissa Ryan
Technical Contact Title: Principal Consultant
Employer Name: Trinity Consultants, Inc.
Mailing Address: 1800 West Loop South, Suite 1000
City: Houston
State: Texas
ZIP Code: 77027
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-552-13781 ext.208
Fax No.:
Email: mryan@trinityconsultants.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Brian Birdwell
B. State Representative: Brian Harrison
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Alamo Mission Data Center
B. Physical Address: 330 Austin Blvd.
City: Red Oak
State: Texas
ZIP Code: 75154
C. Physical Location:
D. Nearest City: Red Oak
E. State: Texas
F. ZIP Code: 75154

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

X. Application Area Information (continued)
G. Latitude (nearest second): 32° 31' 54.4296" N
H. Longitude (nearest second): 96° 47' 33.0972" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 10 (emission groups)
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Red Oak Public Library
B. Physical Address: 101 Live Oak Dr
City: Red Oak
ZIP Code: 75154
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Adam Merkel
Contact Mailing Address: 330 Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 918-373-7005

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

XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

I. Identifying Information
Account Number:
Regulated Entity Number: RN110852753
Customer Reference Number: CN605700061
Permit Number: 4709
Area Name: Alamo Mission
Company Name: Alamo Mission LLC
II. Duly Authorized Representative Information
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Zia Khan
Title: Data Center Facilities Manager
Delegation Effective Date: 12/4/2024
Telephone Number: 650-404-7004
Fax Number:
Company Name: Alamo Mission LLC
Mailing Address: 3441 Railport Pkwy
City: Midlothian
State: TX
ZIP Code: 76065
Email Address: ziakhan@google.com

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

III. Certification of Truth, Accuracy, and Completeness

I, Adam Merkel

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

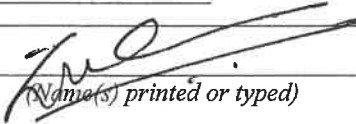
Certify that, based on information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. *(RO signature required for New DAR Identification only; DAR signature required for any Action Type)*

Responsible Official Signature: _____

 ADAM MERKEL

Date: 4/23/2025

Duly Authorized Representative Signature: _____


(Name(s) printed or typed)

ZIA KHAN

Date: 4/23/2025

IV. Removal of Duly Authorized Representative(s)

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

(Name(s) printed or typed)

Effective Date: _____

Responsible Official Signature: _____

Date: _____

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

Table 1

Date	Permit No.	Regulated Entity No.
Rev. 6/16/2025	4709	RN110852753

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GRP-1	OP-UA2	Engine Group 1		106.511/09/04/2000 [167790, 170469]		GRP-1
GRP-1A	OP-UA2	Engine Group 1A		106.511/09/04/2000 [167790, 170469]		GRP-1A
GRP-2	OP-UA2	Engine Group 2		106.511/09/04/2000 [167790, 170469]		GRP-2
GRP-2A	OP-UA2	Engine Group 2A		106.511/09/04/2000 [167790, 170469]		GRP-2A
GRP-3	OP-UA2	Engine Group 3		106.511/09/04/2000 [167790, 170469]		GRP-3
GRP-4	OP-UA2	Engine Group 4		106.511/09/04/2000 [167790, 170469]		GRP-4
GRP-4A	OP-UA2	Engine Group 4A		106.511/09/04/2000 [167790, 170469]		GRP-4A
GRPFWPUMP	OP-UA2	Emergency Firewater Pump		106.511/09/04/2000 [167790, 170469]		GRPFWPUMP
GRPTANKS	OP-UA3	Diesel Storage Tank Group		106.472/09/04/2000 [167790, 170469]		GRPTANKS
GRPCLTWRS	OP-REQ2	Cooling Tower Group		106.371/09/04/2000 [167790, 170469]		GRPCLTWRS
UNLOAD	OP-UA4	Diesel Unloading		106.472/09/04/2000 [167790, 170469]		

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)**

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
Rev. 6/16/2025	4709	RN110852753

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
GRP-1	R7403-0001	50+			D2007+				
GRP-1A	R7403-0001	50+			D2007+				
GRP-2	R7403-0001	50+			D2007+				
GRP-2A	R7403-0001	50+			D2007+				
GRP-3	R7403-0001	50+			D2007+				
GRP-4	R7403-0001	50+			D2007+				
GRP-4A	R7403-0001	50+			D2007+				
GRPFWPUMP	R7403-0001	50+			D2007+				

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.
Rev. 6/16/2025	4709	RN110852753

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-1	63ZZZZ-0001	AREA	500+	06+			
GRP-1A	63ZZZZ-0001	AREA	500+	06+			
GRP-2	63ZZZZ-0001	AREA	500+	06+			
GRP-2A	63ZZZZ-0001	AREA	500+	06+			
GRP-3	63ZZZZ-0001	AREA	500+	06+			
GRP-4	63ZZZZ-0002	AREA	300-500	06+			
GRP-4A	63ZZZZ-0004	AREA	100-	06+			
GRPFWPUMP	63ZZZZ-0003	AREA	100-250	06+			

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.
Rev. 6/16/2025	4709	RN110852753

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-1	60IIII-0001	2005+	NONE	EMERG	CON	0406+
GRP-1A	60IIII-0001	2005+	NONE	EMERG	CON	0406+
GRP-2	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-2A	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-3	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-4	60IIII-0003	2005+	NONE	EMERG	CON	0406+
GRP-4A	60IIII-0005	2005+	NONE	EMERG	CON	0406+
GRPFWPUMP	60IIII-0004	2005+	NONE	FIRE	CON	0706+

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

Federal Operating Permit Program

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

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

Date	Permit No.	Regulated Entity No.
Rev. 6/16/2025	4709	RN110852753

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-1	60IIII-0001	DIESEL		10-		2017+	
GRP-1A	60IIII-0001	DIESEL		10-		2017+	
GRP-2	60IIII-0002	DIESEL		10-		2017+	
GRP-2A	60IIII-0002	DIESEL		10-		2017+	
GRP-3	60IIII-0002	DIESEL		10-		2017+	
GRP-4	60IIII-0003	DIESEL		10-		2017+	
GRP-4A	60IIII-0005	DIESEL		10-		2017+	
GRPFWPUMP	60IIII-0004	DIESEL		10-		2017+	

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

Date	Permit No.	Regulated Entity No.
Rev. 6/16/2025	4709	RN110852753

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-1	60IIII-0001	E2237+		NO	NO	MANU YES		
GRP-1A	60IIII-0001	E2237+		NO	NO	MANU YES		
GRP-2	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-2A	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-3	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-4	60IIII-0003	E130-368		NO	NO	MANU YES		
GRP-4A	60IIII-0005	E37-75		NO	NO	MANU YES		
GRPFWPUMP	60IIII-0004	F130-368			NO	MANU YES		

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

Table 1a: Additions

Date: Rev. 6/16/2025	Regulated Entity No.: RN110852753	Permit No.: 4709
Company Name: Alamo Mission	Area Name: Alamo Data Center	

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)
	GRP-1	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-1A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-2	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-2A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-3	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-4	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-4A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRPFWPUMP	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-1	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-1A	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)

	GRP-2	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-2A	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-3	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-4	OP-UA2	63ZZZZ-0002	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-4A	OP-UA2	63ZZZZ-0004	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRPFWPUMP	OP-UA2	63ZZZZ-0003	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-1	OP-UA2	60IIII-0001	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 8, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 15, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 24, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(b)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 8, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-1A	OP-UA2	60III-0001	CO	40 CFR Part 60, Subpart III	60.4205(b) 15, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60III-0001	PM	40 CFR Part 60, Subpart III	60.4205(b) 24, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60III-0001	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(b)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60III-0002	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60III-0002	CO	40 CFR Part 60, Subpart III	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60III-0002	PM	40 CFR Part 60, Subpart III	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60III-0002	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60III-0002	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-2A	OP-UA2	60III-0002	CO	40 CFR Part 60, Subpart III	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60III-0002	PM	40 CFR Part 60, Subpart III	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60III-0002	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60III-0002	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60III-0002	CO	40 CFR Part 60, Subpart III	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60III-0002	PM	40 CFR Part 60, Subpart III	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60III-0002	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60III-0003	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(b) 4, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-4	OP-UA2	60III-0003	CO	40 CFR Part 60, Subpart III	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60III-0003	PM	40 CFR Part 60, Subpart III	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60III-0003	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4A	OP-UA2	60III-0005	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(b) 3 60.4202(a)(2) 1039-Appendix I, 60.4206 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4A	OP-UA2	60III-0005	CO	40 CFR Part 60, Subpart III	60.4205(b) 12 60.4202(a)(2) 1039-Appendix I, 60.4206 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4A	OP-UA2	60III-0005	PM	40 CFR Part 60, Subpart III	60.4205(b) 20 60.4202(a)(2) 1039-Appendix I, 60.4206 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4A	OP-UA2	60III-0005	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPFWPUMP	OP-UA2	60III-0004	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(c)-Table 4 10, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPFWPUMP	OP-UA2	60III-0004	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4 28, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRPTANKS	OP-UA3	R5112-0001	VOC	30 TAC Chapter 115, Subchapter B	115.111(a)(1)
	UNLOAD	OP-UA4	R5212-0001	VOC	30 TAC Chapter 115, Subchapter C	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), 115.214(a)(1)(D)(i)

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

Table 1b: Additions

Date: Rev. 6/16/2025	Regulated Entity No.: RN110852753	Permit No.: 4709
Company Name: Alamo Mission	Area Name: Alamo Data Center	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-1	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-1A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-2	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-2A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-3	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-4	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-4A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None

	GRPFWPUMP	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-1	63ZZZZ-0001	HAPS	None	None	None
	GRP-1A	63ZZZZ-0001	HAPS	None	None	None
	GRP-2	63ZZZZ-0001	HAPS	None	None	None
	GRP-2A	63ZZZZ-0001	HAPS	None	None	None
	GRP-3	63ZZZZ-0001	HAPS	None	None	None
	GRP-4	63ZZZZ-0002	HAPS	None	None	None
	GRP-4A	63ZZZZ-0004	HAPS	None	None	None
	GRPFWPUMP	63ZZZZ-0003	HAPS	None	None	None
	GRP-1	60IIII-0001	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)

	GRP-2	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4A	60III-0005	NMHC+NOX	60.4209(a)	60.4214(b)	None
	GRP-4A	60III-0005	CO	60.4209(a)	60.4214(b)	None
	GRP-4A	60III-0005	PM	60.4209(a)	60.4214(b)	None
	GRP-4A	60III-0005	Opacity	60.4209(a)	60.4214(b)	None

	GRPFWPUMP	60III-0004	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPFWPUMP	60III-0004	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPTANKS	R5112-0001	VOC	[G]115.117	115.118(a)(1), 115.118(a)(5), 115.118(a)(7)	None
	UNLOAD	R5212-0001	VOC	115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, 115.215(4)	115.216, 115.216(2), 115.216(3)(B)	None

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
6/16/2025	4709	RN110852753

Unit ID No.	Registration No.	PBR No.	Registration Date
GRP-1	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-1A	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-2	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-2A	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-3	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-4	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-4A	167790, 170469	106.511	1/27/2022, 9/21/2022
GRPFWPUMP	167790, 170469	106.511	1/27/2022, 9/21/2022
GRPTANKS	167790, 170469	106.472	1/27/2022, 9/21/2022
GRPCLTWRS	167790, 170469	106.371	1/27/2022, 9/21/2022
UNLOAD	167790, 170469	106.472	1/27/2022, 9/21/2022

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

Date	Permit Number	Regulated Entity Number
6/16/2025	4709	RN110852753

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

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

6/16/2025	4709	Regulated Entity Number
6/16/2025	4709	RN110852753

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
6/16/2025	4709	RN110852753

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
GRP-1	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-1A	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-2	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-2A	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-3	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-4	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-4A	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRPFWPUMP	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRPTANKS	106.472	167790, 170469	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR 106.4 emission limits.
GRPCLTWRS	106.371	167790, 170469	Cooling tower handles water that has not been in direct contact with gaseous or liquid process streams. Emissions will be estimated using AP-42 to determine compliance with PBR 106.4 emission limits.
UNLOAD	106.472	167790, 170469	1) No visible emissions - No monitoring needed given the material unloaded are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9).

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ALAMO MISSION
Does the site have a physical address?	Yes
Physical Address	
Number and Street	330 AUSTIN BLVD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	518210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110852753
What is the name of the Regulated Entity (RE)?	ALAMO MISSION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	500 E OVILLA RD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Facility NAICS Code	518210
What is the primary business of this entity?	DATA CENTER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605700061
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Alamo Mission LLC
Texas SOS Filing Number	803230992
Federal Tax ID	832544802
State Franchise Tax ID	32069675737
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Alamo Mission LLC
Prefix	MR
First	Adam
Middle	
Last	Merkel
Suffix	
Credentials	
Title	Operations Facilities Manager
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	330 AUSTIN BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	RED OAK
State	TX
ZIP	75154
Phone (###-###-####)	9183737005
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	merkelam@google.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?	Responsible Official Contact
Organization Name	Alamo Mission LLC
Prefix	MR
First	Zia
Middle	
Last	Khan
Suffix	
Credentials	
Title	Data Center Facilities Manager
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	3441 RAILPORT PKWY
Routing (such as Mail Code, Dept., or Attn:)	
City	MIDLOTHIAN

State	TX
Zip	76065
Phone (###-###-####)	6504047004
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	ziakhan@google.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	Trinity Consultants
Prefix	MS
First	Melissa
Middle	
Last	Ryan
Suffix	
Credentials	
Title	Principal Consultant
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1800 WEST LOOP S STE 1000
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77027
Phone (###-###-####)	7135521371
Extension	208
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mryan@trinityconsultants.com

Title V General Information - New

1) Permit Latitude Coordinate:	32 Deg 31 Min 54 Sec
2) Permit Longitude Coordinate:	96 Deg 47 Min 33 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4709-37459
4) Who will electronically sign this Title V application?	Responsible Official
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)

[File Properties]

File Name	OP_1_2025-0616 update.pdf
Hash	D2F741E4E46AF697F91639350BFBC4E9AFC18151BBA2F6E59D7D14A6D9DA2CE2
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUM (Individual Unit Summary)

[File Properties]

File Name	OP_SUM_2025-0616 update CONFIDENTIAL.pdf
Hash	0293EAC44FDC72F383AB23A14ACFB47576476DF24EC1DD44D5BC85B0301B2826
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

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

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 Adam M Merkel, the owner of the STEERS account ER087239.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.

- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V New.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Adam M Merkel OWNER OPERATOR

Account Number:	ER087239
Signature IP Address:	99.114.249.51
Signature Date:	2025-06-16
Signature Hash:	BD99034361AE52AB5CD6E929CE31751CBF9274B6C4E7C61902EC79AB2473FB47
Form Hash Code at time of Signature:	8DA651CCD83A1FBD7AD9506CAB85EBA03D6F22592529A9D5CA89A79CD5234209

Submission

Reference Number:	The application reference number is 793821
Submitted by:	The application was submitted by ER087239/Adam M Merkel
Submitted Timestamp:	The application was submitted on 2025-06-16 at 16:35:24 CDT
Submitted From:	The application was submitted from IP address 99.114.249.51
Confirmation Number:	The confirmation number is 659247
Steers Version:	The STEERS version is 6.91

Additional Information

Application Creator: This account was created by Melissa Ryan

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Monday, June 16, 2025 4:40 PM
To: Primavera Trevino
Cc: Mark Meyer
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission
Attachments: STEERS Title V Application Submittal (Update)

Primavera,

The requested OP-1 and OP-DEL have been submitted via STEERS (reference number 793821). In addition, Engine Group 4 was split into Engine Group 4 (ENG-4) and Engine Group 4A (ENG-4A) due to a change in attributes for one of the engines in the group. All of the forms necessary to document this change are also included in the STEERS submittal.

Please let me know if you have any questions.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Wednesday, June 11, 2025 5:40 PM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

There is one item that needs revision. The Public Notice physical address in Form OP-1 is 101 Live Oak St. The correct address that is USPS verifiable is 101 Live Oak Dr. Please revise this address to reflect the address in our database and in the PNAP letter.

Please submit Form OP-1 and Form OP-DEL by 06/16/2025 and contact me if you have any questions, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

From: steers@tceq.texas.gov
Sent: Monday, June 16, 2025 4:35 PM
To: Melissa Ryan; merkelam@google.com
Subject: STEERS Title V Application Submittal (Update)

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

Your application was successfully submitted and received by the TCEQ at 06/16/2025 04:35 PM.

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

The Reference number for this submittal is 793821.

The Area ID for this submittal is 4709.

The Project ID for this submittal is 37459.

The STEERS confirmation number for this submittal is 659247.

The hash code for this submittal is

8DA651CCD83A1FBD7AD9506CAB85EBA03D6F22592529A9D5CA89A79CD5234209.

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

[https://urldefense.com/v3/__https://www3.tceq.texas.gov/steers/__;!!PrI4aAen2FRcs3QywQ!CMEdYQH CNvX1XO0RLI-UJyRa4WO2tdcwP3fozMirfh9ndi36xVU7Px-_8ydHXUgjcXcK_1Xr6yRr_mStWBMJOIS3R-t\\$](https://urldefense.com/v3/__https://www3.tceq.texas.gov/steers/__;!!PrI4aAen2FRcs3QywQ!CMEdYQH CNvX1XO0RLI-UJyRa4WO2tdcwP3fozMirfh9ndi36xVU7Px-_8ydHXUgjcXcK_1Xr6yRr_mStWBMJOIS3R-t$.)
.

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

Primavera Treviño
Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Phone: (512) 239-6209

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

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Wednesday, June 11, 2025 5:59 PM
To: Primavera Trevino
Cc: Mark Meyer
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

We will submit the requested forms by 6/16. There is also one other item that I am currently reviewing, if it results in a change to the application I will let you know.

Thanks!

Melissa Ryan

P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Wednesday, June 11, 2025 5:40 PM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

There is one item that needs revision. The Public Notice physical address in Form OP-1 is 101 Live Oak St. The correct address that is USPS verifiable is 101 Live Oak Dr. Please revise this address to reflect the address in our database and in the PNAP letter.

Please submit Form OP-1 and Form OP-DEL by 06/16/2025 and contact me if you have any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction

survey at www.tceq.texas.gov/customersurvey

From: Primavera Trevino
Sent: Wednesday, June 11, 2025 5:40 PM
To: mryan@trinityconsultants.com
Cc: Mark Meyer
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

There is one item that needs revision. The Public Notice physical address in Form OP-1 is 101 Live Oak St. The correct address that is USPS verifiable is 101 Live Oak Dr. Please revise this address to reflect the address in our database and in the PNAP letter.

Please submit Form OP-1 and Form OP-DEL by 06/16/2025 and contact me if you have any questions, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Primavera Trevino
Sent: Monday, June 2, 2025 4:46 PM
To: 'Melissa Ryan'
Cc: Mark Meyer
Subject: RE: Working Draft Permit -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I am following up regarding the Form OP-DEL. I have not received any submittals through STEERS. Please let me know if there are any updates with this form and please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, May 2, 2025 11:11 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

Alamo Mission does not have any comments on the draft permit. However, we are submitting an updated OP-1 form (attached) to update the site address and mailing address of the public notice contact before the public notice package is prepared.

The requested OP-DEL is also being uploaded to STEERS. I will email you once I have the confirmation number of that submittal.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Friday, April 25, 2025 4:28 PM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Working Draft Permit -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have been assigned to the Federal Operating Permit (FOP) initial application of Permit No. O4709 for Alamo Mission LLC, Alamo Mission This application has been assigned Project No. 37459. Please address all correspondence pertaining to this permit application, including any

updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

I have conducted a technical review of this application and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by 05/02/2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

Please submit Form OP-DEL with the updated address for Mr. Khan (3441 Railport Pkwy, Midlothian, Texas 76065-5333) through STEERS as well.

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

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. 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 were 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.

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

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

Thank you,

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Primavera Trevino
Sent: Tuesday, May 13, 2025 9:50 AM
To: Melissa Ryan
Cc: Rhyan Stone
Subject: Working Draft Permit -- FOP 04709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I sent a request to update the site and mailing address for the public notice contact. I received an email back mentioning that the address provided was not USPS verified or acknowledged. We currently have the address 156 N Austin Blvd., Red Oak, TX 75154-1498 for the public notice contact. This address was provided to us by Adam Merkel via email on 01/24/2025.

Please revise and submit Form OP-1 with the address provided above for the public notice contact mailing address and the RO mailing address through STEERS. Please submit Form OP-DEL through STEERS as well by **05/16/2025**. Please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Monday, May 12, 2025 5:55 PM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: APIRT <apirt@tceq.texas.gov>; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Title V IMS Data Entry Project #37459

Hey Primavera,

There was originally a mailing address of 500 E Ovilla Rd., Red Oak, TX 75154, and now the 330 Austin Blvd., Red Oak, TX 75154, these addresses are not acknowledged by the United States Postal Service, (USPS). The mailing address needs to be acknowledged by the USPS; when it's verified and acknowledged by USPS and accepted, we do not see the message error "address not found" and it will also give you the 4-digit extension after the zip code.

Please refer to the file: 20250124-01EMAIL_Updated address, this is an address that is acknowledged by USPS, (156 N Austin Blvd., Red Oak, TX 75154-1498), and was provided by the company to be listed.

Since the RO's address has the one listed above and he is also the public notice contact, that address needs to stay as is because that is the verifiable address that is acknowledged by USPS.

Again, the address needs to be acknowledged and verifiable through USPS.

I hope that helps.

Regards,

Rosa Mora-Nichols

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Monday, May 12, 2025 12:56 PM
To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Cc: APIRT <apirt@tceq.texas.gov>; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Title V IMS Data Entry Project #37459

Good afternoon,

Can you please update the site address and mailing address of the public notice contact for Project No. 37459, Permit O4709. I have attached their updated OP-1. Please let me know if you need anything else from me, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

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

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

I. Company Identifying Information
A. Company Name: Alamo Mission LLC
B. Customer Reference Number (CN): CN605700061
C. Submittal Date (mm/dd/yyyy): 12/04/2024
II. Site Information
A. Site Name: Alamo Mission
B. Regulated Entity Reference Number (RN): RN110852753
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Adam Merkel
RO Title: Datacenter Operations Facilities Manager
Employer Name: Alamo Mission LLC
Mailing Address: 330 Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (918) 373-7005
Fax No.:
Email: merkelam@google.com

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Melissa Ryan
Technical Contact Title: Principal Consultant
Employer Name: Trinity Consultants, Inc.
Mailing Address: 1800 West Loop South, Suite 1000
City: Houston
State: Texas
ZIP Code: 77027
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-552-13781 ext.208
Fax No.:
Email: mryan@trinityconsultants.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Brian Birdwell
B. State Representative: Brian Harrison
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Alamo Mission Data Center
B. Physical Address: 330 Austin Blvd.
City: Red Oak
State: Texas
ZIP Code: 75154
C. Physical Location:
D. Nearest City: Red Oak
E. State: Texas
F. ZIP Code: 75154

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

X. Application Area Information (continued)
G. Latitude (nearest second): 32° 31' 54.4296" N
H. Longitude (nearest second): 96° 47' 33.0972" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 10 (emission groups)
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Red Oak Public Library
B. Physical Address: 101 Live Oak St
City: Red Oak
ZIP Code: 75154
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Adam Merkel
Contact Mailing Address: 330 Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 918-373-7005

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

XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, May 2, 2025 11:11 AM
To: Primavera Trevino
Cc: Rhyan Stone
Subject: RE: Working Draft Permit -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission
Attachments: OP-1 2025-0502.pdf

Primavera,

Alamo Mission does not have any comments on the draft permit. However, we are submitting an updated OP-1 form (attached) to update the site address and mailing address of the public notice contact before the public notice package is prepared.

The requested OP-DEL is also being uploaded to STEERS. I will email you once I have the confirmation number of that submittal.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Friday, April 25, 2025 4:28 PM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Working Draft Permit -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have been assigned to the Federal Operating Permit (FOP) initial application of Permit No. O4709 for Alamo Mission LLC, Alamo Mission. This application has been assigned Project No. 37459. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

I have conducted a technical review of this application and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by 05/02/2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

Please submit Form OP-DEL with the updated address for Mr. Khan (3441 Railport Pkwy, Midlothian, Texas 76065-5333) through STEERS as well.

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

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. 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 were 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.

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

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

Thank you,
Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

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

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

I. Company Identifying Information	
A.	Company Name: Alamo Mission LLC
B.	Customer Reference Number (CN): CN605700061
C.	Submittal Date (mm/dd/yyyy): 12/04/2024
II. Site Information	
A.	Site Name: Alamo Mission
B.	Regulated Entity Reference Number (RN): RN110852753
C.	Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F.	Is the site within a local program area jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type	
A.	Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)	

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Adam Merkel
RO Title: Datacenter Operations Facilities Manager
Employer Name: Alamo Mission LLC
Mailing Address: 330 Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (918) 373-7005
Fax No.:
Email: merkelam@google.com

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VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Melissa Ryan
Technical Contact Title: Principal Consultant
Employer Name: Trinity Consultants, Inc.
Mailing Address: 1800 West Loop South, Suite 1000
City: Houston
State: Texas
ZIP Code: 77027
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-552-13781 ext.208
Fax No.:
Email: mryan@trinityconsultants.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Brian Birdwell
B. State Representative: Brian Harrison
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

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IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Alamo Mission Data Center
B. Physical Address: 330 Austin Blvd.
City: Red Oak
State: Texas
ZIP Code: 75154
C. Physical Location:
D. Nearest City: Red Oak
E. State: Texas
F. ZIP Code: 75154

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X. Application Area Information (continued)
G. Latitude (nearest second): 32° 31' 54.4296" N
H. Longitude (nearest second): 96° 47' 33.0972" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 10 (emission groups)
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Red Oak Public Library
B. Physical Address: 101 Live Oak St
City: Red Oak
ZIP Code: 75154
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Adam Merkel
Contact Mailing Address: 330 Austin Blvd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 918-373-7005

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XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

From: Primavera Trevino
Sent: Friday, April 25, 2025 4:28 PM
To: mryan@trinityconsultants.com
Cc: Rhyan Stone
Subject: Working Draft Permit -- FOP 04709/Project 37459, Alamo Mission LLC/Alamo Mission
Attachments: Working Draft Permit 04709.docx

Good afternoon,

I have been assigned to the Federal Operating Permit (FOP) initial application of Permit No. 04709 for Alamo Mission LLC, Alamo Mission. This application has been assigned Project No. 37459. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

I have conducted a technical review of this application and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by 05/02/2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

Please submit Form OP-DEL with the updated address for Mr. Khan (3441 Railport Pkwy, Midlothian, Texas 76065-5333) through STEERS as well.

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

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. 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 were 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.

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

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

Thank you,
Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Alamo Mission LLC

AUTHORIZING THE OPERATION OF
Alamo Mission
Alamo Mission Data Center
Data Processing, Hosting, and Related Services

LOCATED AT
Ellis County, Texas
Latitude 32° 31' 54" Longitude 96° 47' 33"
Regulated Entity Number: RN110852753

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

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

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

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

Permit No: Q4709 Issuance Date: _____

For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

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

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (iii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)

- C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
 6. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

New Source Review Authorization Requirements

7. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated December 4, 2024 in the application for project 37459), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
8. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
9. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air

contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

10. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
11. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
 - (i) For sources in the Dallas-Fort Worth Eight-Hour Nonattainment area, 30 TAC § 117.9030
 - B. The permit holder shall comply with the Initial Control Plan unit identification requirements in 30 TAC § 117.450(a) and (a)(1)-(7).
 - C. The permit holder shall comply with the requirements of 30 TAC § 117.452 for Final Control Plan Procedures for Reasonably Available Control Technology (RACT) and 30 TAC § 117.456 for Revision of Final Control Plan.
 - D. The permit holder shall comply with the requirements of 30 TAC § 117.454 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.456 for Revision of Final Control Plan.
 - E. The permit holder shall comply with the requirement in 30 TAC § 117.450(b) for identification of exempt units in the Initial Control Plan.
12. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)

- (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
- (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

13. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Protection of Stratospheric Ozone

14. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:

- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-

conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

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

Permit Shield (30 TAC § 122.148)

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

Attachments

Applicable Requirements Summary

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary	11
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Applicable Requirements Summary	13
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-1	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-1	SRIC ENGINES	N/A	60III-0001	40 CFR Part 60, Subpart III	No changing attributes.
GRP-1	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-1A	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-1A	SRIC ENGINES	N/A	60III-0001	40 CFR Part 60, Subpart III	No changing attributes.
GRP-1A	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-2	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-2	SRIC ENGINES	N/A	60III-0002	40 CFR Part 60, Subpart III	No changing attributes.
GRP-2	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-2A	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-2A	SRIC ENGINES	N/A	60III-0002	40 CFR Part 60, Subpart III	No changing attributes.
GRP-2A	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-3	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRP-3	SRIC ENGINES	N/A	60III-0002	40 CFR Part 60, Subpart III	No changing attributes.
GRP-3	SRIC ENGINES	N/A	63ZZZZ-0001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRP-4	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRP-4	SRIC ENGINES	N/A	60III-0003	40 CFR Part 60, Subpart III	No changing attributes.
GRP-4	SRIC ENGINES	N/A	63ZZZZ-0002	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPFWPUMP	SRIC ENGINES	N/A	R7403-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
GRPFWPUMP	SRIC ENGINES	N/A	60III-0004	40 CFR Part 60, Subpart III	No changing attributes.
GRPFWPUMP	SRIC ENGINES	N/A	63ZZZZ-0003	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPTANKS	STORAGE TANKS/VESSELS	N/A	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
UNLOAD	LOADING/UNLOADING OPERATIONS	N/A	R5212-001	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-1	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None
GRP-1	EU	60III-0001	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-1	EU	60III-0001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with an NMHC+NOx emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.			
GRP-1	EU	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-1	EU	60IIII-0001	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).			
GRP-1	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRP-1A	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)			
GRP-1A	EU	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-1A	EU	60IIII-0001	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-1A	EU	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 2237 KW and a	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4211(c) [G]§ 60.4211(f)	displacement of less than 10 liters per cylinder and is a 2011 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(b)(2) and 40 CFR 1039-Appendix I.			
GRP-1A	EU	60IIII-0001	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(b)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-1A	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GRP-2	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None
GRP-2	EU	60III-0002	CO	40 CFR Part 60, Subpart III	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
GRP-2	EU	60IIII-0002	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-2	EU	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-2	EU	60IIII-0002	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).			
GRP-2	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRP-2A	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)			
GRP-2A	EU	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-2A	EU	60IIII-0002	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						must comply with an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
GRP-2A	EU	60III-0002	PM	40 CFR Part 60, Subpart III	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-2A	EU	60III-0002	PM (Opacity)	40 CFR Part 60, Subpart III	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1039.105(b)(1)-(3).			
GRP-2A	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRP-3	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GRP-3	EU	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-3	EU	60IIII-0002	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-3	EU	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
GRP-3	EU	60III-0002	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-3	EU	63ZZZZ-0001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GRP-4	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None
GRP-4	EU	60III-0003	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
GRP-4	EU	60III-0003	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-4	EU	60III-0003	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRP-4	EU	60III-0003	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4202(a)(2)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2), and 40 CFR 1039.105(b)(1)-(3).			
GRP-4	EU	63ZZZZ-0002	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRPFWPU MP	EU	R7403-0001	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.403(a)(9) § 117.403(a) [G]§ 117.410(f)	Units exempt from this division, except as specified in §§ 117.440(i), 117.445(f)(4) and (9), 117.450 and 117.454, include new, modified, reconstructed or relocated	None	§ 117.440(i) § 117.445(f) § 117.445(f)(4) [G]§ 117.445(f)(9)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						diesel engines placed into service on or after June 1, 2007 that operate less than 100 hr/yr except in emergency situations and that meet the emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 in effect at the time of installation, modification, reconstruction or relocation per § 117.403(a)(9)(A)-(B)			
GRPFWPU MP	EU	60III-0004	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
GRPFWPU MP	EU	60III-0004	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.			
GRPFWPU MP	EU	63ZZZZ-0003	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRPTANKS	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
UNLOAD	EU	R5212-001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

Permit Shield

Permit Shield 32

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPCLTWRS	N/A	30 TAC Chapter 115, HRVOC Cooling Towers	The cooling tower is not located in Houston/Galveston/Brazoria.
GRPCLTWRS	N/A	40 CFR Part 63, Subpart Q	The cooling tower is not operated with chromium based water treatment chemicals.
GRPTANKS	N/A	40 CFR Part 60, Subpart Kb	All tanks have a capacity less than 75m ³ (19,800 gal).

New Source Review Authorization References

New Source Review Authorization References	34
New Source Review Authorization References by Emission Unit	35

New Source Review Authorization References

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

Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
GRP-1	ENGINE GROUP 1	106.511/09/04/2000 [167790, 170469]
GRP-1A	ENGINE GROUP 1A	106.511/09/04/2000 [167790, 170469]
GRP-2	ENGINE GROUP 2	106.511/09/04/2000 [167790, 170469]
GRP-2A	ENGINE GROUP 2A	106.511/09/04/2000 [167790, 170469]
GRP-3	ENGINE GROUP 3	106.511/09/04/2000 [167790, 170469]
GRP-4	ENGINE GROUP 4	106.511/09/04/2000 [167790, 170469]
GRPCLTWRS	COOLING TOWER GROUP	106.371/09/04/2000 [167790, 170469]
GRPFWPUMP	EMERGENCY FIREWATER PUMP	106.511/09/04/2000 [167790, 170469]
GRPTANKS	DIESEL STORAGE TANK GROUP	106.472/09/04/2000 [167790, 170469]
UNLOAD	DIESEL UNLOADING	106.472/09/04/2000 [167790, 170469]

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

Appendix A

Acronym List 37

Acronym List

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

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

From: Primavera Trevino
Sent: Thursday, April 17, 2025 3:08 PM
To: Melissa Ryan
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Hello,

I have received confirmation that the address is not verifiable in USPS. The address provided by Mr. Khan (3441 Railport Pkwy, Midlothian, Texas 76065-5333) will need to be updated in Form OP-DEL. Please submit this through STEERS for certification by **04/24/2025**.

Here is more information provided to me about the address and the conversation with Mr. Khan yesterday: "The site address is okay for the site. It's his mailing address that we need to be verifiable. That's why I had asked him if the company had a PO Box or another address for mailing address, it needs to be verifiable."

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Thursday, April 17, 2025 11:45 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

It is 330 Austin Blvd.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Thursday, April 17, 2025 11:30 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

In the Form OP-DEL the address at the bottom with the asterisk is written as 320 N. Austin Blvd. Red Oak, TX 75154. Is this the correct address or 330 Austin Blvd, Red Oak, TX 75154?

I will ask and verify if the address is showing as USPS verifiable on our side after the correct address is stated.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Thursday, April 17, 2025 10:37 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

The site address is 330 Austin Blvd, Red Oak, TX 75154. I am able to use the USPS website to search for the zip code of this address, which I believe means that it should be USPS verifiable. We can update the OP-DEL form to include this address (which was also included in the data entry in STEERS). Can you please verify that the 330 Austin Blvd address is showing as USPS verifiable on your side?

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Thursday, April 17, 2025 10:30 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I received the updated forms through STEERS. There is a revision needed for the Form OP-DEL I have been made aware of. Neither of the two addresses on the OP-DEL are USPS verifiable. Mr. Khan has provided a mailing address that is USPS verifiable (3441 Railport Pkwy, Midlothian, Texas 76065-5333) via phone call with Rosa Mora-Nichols on 04/16/2025, at 2:45p.m.

Please submit an updated Form OP-DEL, through STEERS, with the current address provided above by **04/24/2025** and contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Tuesday, April 15, 2025 12:55 PM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

The requested forms have been submitted through STEERS, reference number 774955.

Thanks!

Melissa Ryan

P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

Sent: Monday, April 14, 2025 3:18 PM

To: Melissa Ryan <mryan@trinityconsultants.com>

Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

Thank you for the update. I received your message, and the address should be the primary building address where the RO and/or DAR receives mail. Below is an excerpt from the Form OP-DEL instructions:

“Mailing Address: For submittals with an “Action Type” designation of “New DAR Identification,” enter the mailing address of the new DAR, including city, state, and ZIP Code. For submittals with an “Action Type” designation of “Administrative Information Change,” enter the city, state, and ZIP Code of the mailing address for the current DAR, if changed. If any portion of the mailing address is unchanged, leave the corresponding space blank. (address maximum - 50 characters; city maximum - 25 characters)”

Please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>

Sent: Monday, April 14, 2025 8:30 AM

To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

Cc: Rhyen Stone <Rhyen.Stone@tceq.texas.gov>

Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

Let me check with the RO. I had prepared the updates and loaded them in STEERS for him to sign and submit. I'll see if he's having issues with STEERS and we'll get those to you.

Thanks!

Melissa Ryan

P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

Sent: Monday, April 14, 2025 8:29 AM

To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I am following up on any updates to the revisions on Form OP-SUM and the submission of the Form OP-DEL. Please let me know if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Tuesday, April 1, 2025 10:48 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

I apologize, I somehow missed your 3/14 email. I will get the forms updated and upload those along with the previously emailed OP-DEL in STEERS for the RO to submit.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Friday, March 28, 2025 11:46 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I wanted to follow up on any updates for the revisions and Form OP-DEL. Please let me know if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Friday, March 14, 2025 8:21 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have completed my technical review of Permit No. O4709. There are a few items that need clarification.

On Form OP-SUM and the PBR Supplemental Table, there is a Unit/Process ID No. GRPFWPUMP. On Form OP-UA2 (page 1, 4, 10, 11, and 12) and on Form OP-REQ3 the Unit ID No. is GRPFWPUMPS. Please confirm which Unit ID No. is correct and revise to resubmit the necessary forms.

On Form OP-SUM there are no registration numbers in brackets under the “Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106” column. In Table A of Form OP-PBRSUP, there are registration numbers associated with the PBRs provided. Please resubmit Form OP-SUM with the correct formatting to include the registration numbers associated with each Emission Unit.

Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Thursday, April 17, 2025 11:45 AM
To: Primavera Trevino
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

It is 330 Austin Blvd.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Thursday, April 17, 2025 11:30 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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(512) 239-6209

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Sent: Thursday, April 17, 2025 10:37 AM
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Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
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To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Monday, April 14, 2025 3:18 PM
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To: Melissa Ryan <mryan@trinityconsultants.com>

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Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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Operating Permits Section
Office of Air – Air Permits Division
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On Form OP-SUM there are no registration numbers in brackets under the "Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106" column. In Table A of Form OP-PBRSUP, there are registration numbers associated with the PBRs provided. Please resubmit Form OP-SUM with the correct formatting to include the registration numbers associated with each Emission Unit.

Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Tuesday, April 15, 2025 12:55 PM
To: Primavera Trevino
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission
Attachments: STEERS Title V Application Submittal (Update)

Primavera,

The requested forms have been submitted through STEERS, reference number 774955.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Monday, April 14, 2025 3:18 PM
To: Melissa Ryan <mryan@trinityconsultants.com>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

Thank you for the update. I received your message, and the address should be the primary building address where the RO and/or DAR receives mail. Below is an excerpt from the Form OP-DEL instructions:

“Mailing Address: For submittals with an “Action Type” designation of “New DAR Identification,” enter the mailing address of the new DAR, including city, state, and ZIP Code. For submittals with an “Action Type” designation of “Administrative Information Change,” enter the city, state, and ZIP Code of the mailing address for the current DAR, if changed. If any portion of the mailing address is unchanged, leave the corresponding space blank. (address maximum - 50 characters; city maximum - 25 characters)”

Please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Monday, April 14, 2025 8:30 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

Let me check with the RO. I had prepared the updates and loaded them in STEERS for him to sign and submit. I'll see if he's having issues with STEERS and we'll get those to you.

Thanks!

Melissa Ryan

P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

Sent: Monday, April 14, 2025 8:29 AM

To: Melissa Ryan <mryan@trinityconsultants.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I am following up on any updates to the revisions on Form OP-SUM and the submission of the Form OP-DEL. Please let me know if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>

Sent: Tuesday, April 1, 2025 10:48 AM

To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

I apologize, I somehow missed your 3/14 email. I will get the forms updated and upload those along with the previously emailed OP-DEL in STEERS for the RO to submit.

Thanks!

Melissa Ryan

P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>

Sent: Friday, March 28, 2025 11:46 AM

To: Melissa Ryan <mryan@trinityconsultants.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I wanted to follow up on any updates for the revisions and Form OP-DEL. Please let me know if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Friday, March 14, 2025 8:21 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have completed my technical review of Permit No. O4709. There are a few items that need clarification.

On Form OP-SUM and the PBR Supplemental Table, there is a Unit/Process ID No. GRPFWPUMP. On Form OP-UA2 (page 1, 4, 10, 11, and 12) and on Form OP-REQ3 the Unit ID No. is GRPFWPUMPS. Please confirm which Unit ID No. is correct and revise to resubmit the necessary forms.

On Form OP-SUM there are no registration numbers in brackets under the “Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106” column. In Table A of Form OP-PBRSUP, there are registration numbers associated with the PBRs provided. Please resubmit Form OP-SUM with the correct formatting to include the registration numbers associated with each Emission Unit.

Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: steers@tceq.texas.gov
Sent: Tuesday, April 15, 2025 12:49 PM
To: Melissa Ryan; merkelam@google.com
Subject: STEERS Title V Application Submittal (Update)

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

Your application was successfully submitted and received by the TCEQ at 04/15/2025 12:49 PM.

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

The Reference number for this submittal is 774955.

The Area ID for this submittal is 4709.

The Project ID for this submittal is 37459.

The STEERS confirmation number for this submittal is 646359.

The hash code for this submittal is

5FE20A356B8905A954821051D1936EFD3D201911377F132DB2DCD5A15193AEAE.

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

[https://urldefense.com/v3/__https://www3.tceq.texas.gov/steers/__;!!PrI4aAen2FRcs3QywQ!F-zRPHCVmHs8138A-27aK1VRG796OHgPzkUYG6uCxkGiCTE1c7Pd9AhCZ2_sqlule286ICRYX1Pm1AUopP0UYMTsRopL\\$](https://urldefense.com/v3/__https://www3.tceq.texas.gov/steers/__;!!PrI4aAen2FRcs3QywQ!F-zRPHCVmHs8138A-27aK1VRG796OHgPzkUYG6uCxkGiCTE1c7Pd9AhCZ2_sqlule286ICRYX1Pm1AUopP0UYMTsRopL$) .

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

Primavera Treviño
Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209

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**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)**

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
Rev. 4/1/2025	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
GRP-1	R7403-0001	50+			D2007+				
GRP-1A	R7403-0001	50+			D2007+				
GRP-2	R7403-0001	50+			D2007+				
GRP-2A	R7403-0001	50+			D2007+				
GRP-3	R7403-0001	50+			D2007+				
GRP-4	R7403-0001	50+			D2007+				
GRPFWPUMP	R7403-0001	50+			D2007+				

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.
Rev. 4/1/2025	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-1	63ZZZZ-0001	AREA	500+	06+			
GRP-1A	63ZZZZ-0001	AREA	500+	06+			
GRP-2	63ZZZZ-0001	AREA	500+	06+			
GRP-2A	63ZZZZ-0001	AREA	500+	06+			
GRP-3	63ZZZZ-0001	AREA	500+	06+			
GRP-4	63ZZZZ-0002	AREA	300-500	06+			
GRPFWPUMP	63ZZZZ-0003	AREA	100-250	06+			

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.
Rev. 4/1/2025	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-1	60IIII-0001	2005+	NONE	EMERG	CON	0406+
GRP-1A	60IIII-0001	2005+	NONE	EMERG	CON	0406+
GRP-2	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-2A	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-3	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-4	60IIII-0003	2005+	NONE	EMERG	CON	0406+
GRPFWPUMP	60IIII-0004	2005+	NONE	FIRE	CON	0706+

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

Federal Operating Permit Program

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

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

Date	Permit No.	Regulated Entity No.
Rev. 4/1/2025	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-1	60IIII-0001	DIESEL		10-		2017+	
GRP-1A	60IIII-0001	DIESEL		10-		2017+	
GRP-2	60IIII-0002	DIESEL		10-		2017+	
GRP-2A	60IIII-0002	DIESEL		10-		2017+	
GRP-3	60IIII-0002	DIESEL		10-		2017+	
GRP-4	60IIII-0003	DIESEL		10-		2017+	
GRPFWPUMP	60IIII-0004	DIESEL		10-		2017+	

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

Date	Permit No.	Regulated Entity No.
Rev. 4/1/2025	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-1	60IIII-0001	E2237+		NO	NO	MANU YES		
GRP-1A	60IIII-0001	E2237+		NO	NO	MANU YES		
GRP-2	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-2A	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-3	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-4	60IIII-0003	E130-368		NO	NO	MANU YES		
GRPFWPUMP	60IIII-0004	F130-368			NO	MANU YES		

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

Table 1

Date	Permit No.	Regulated Entity No.
Rev. 4/1/2025	TBA	RN110852753

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GRP-1	OP-UA2	Engine Group 1		106.511/09/04/2000 [167790, 170469]		GRP-1
GRP-1A	OP-UA2	Engine Group 1A		106.511/09/04/2000 [167790, 170469]		GRP-1A
GRP-2	OP-UA2	Engine Group 2		106.511/09/04/2000 [167790, 170469]		GRP-2
GRP-2A	OP-UA2	Engine Group 2A		106.511/09/04/2000 [167790, 170469]		GRP-2A
GRP-3	OP-UA2	Engine Group 3		106.511/09/04/2000 [167790, 170469]		GRP-3
GRP-4	OP-UA2	Engine Group 4		106.511/09/04/2000 [167790, 170469]		GRP-4
GRPFWPUMP	OP-UA2	Emergency Firewater Pump		106.511/09/04/2000 [167790, 170469]		GRPFWPUMP
GRPTANKS	OP-UA3	Diesel Storage Tank Group		106.472/09/04/2000 [167790, 170469]		GRPTANKS
GRPCLTWRS	OP-REQ2	Cooling Tower Group		106.371/09/04/2000 [167790, 170469]		GRPCLTWRS
UNLOAD	OP-UA4	Diesel Unloading		106.472/09/04/2000 [167790, 170469]		

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

Table 1a: Additions

Date: Rev. 4/1/2025	Regulated Entity No.: RN110852753	Permit No.: TBA
Company Name: Alamo Mission	Area Name: Alamo Data Center	

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)
	GRP-1	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-1A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-2	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-2A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-3	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-4	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRPFWPUMP	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-1	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-1A	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-2	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)

	GRP-2A	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-3	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-4	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRPFWPUMP	OP-UA2	63ZZZZ-0002	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-1	OP-UA2	60IIII-0001	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 8, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 15, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 24, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(b)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 8, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 15, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-1A	OP-UA2	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 24, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(b)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60IIII-0002	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-2A	OP-UA2	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60IIII-0002	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60IIII-0003	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 4, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60IIII-0003	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-4	OP-UA2	60III-0003	PM	40 CFR Part 60, Subpart III	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60III-0003	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPFWPUMP	OP-UA2	60III-0004	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(c)-Table 4 10, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPFWPUMP	OP-UA2	60III-0004	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4 28, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPTANKS	OP-UA3	R5112-0001	VOC	30 TAC Chapter 115, Subchapter B	115.111(a)(1)
	UNLOAD	OP-UA4	R5212-0001	VOC	30 TAC Chapter 115, Subchapter C	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), 115.214(a)(1)(D)(i)

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

Table 1b: Additions

Date: Rev. 4/1/2025	Regulated Entity No.: RN110852753	Permit No.: TBA
Company Name: Alamo Mission	Area Name: Alamo Data Center	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-1	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-1A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-2	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-2A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-3	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-4	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRPFWPUMP	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None

	GRP-1	63ZZZZ-0001	HAPS	None	None	None
	GRP-1A	63ZZZZ-0001	HAPS	None	None	None
	GRP-2	63ZZZZ-0001	HAPS	None	None	None
	GRP-2A	63ZZZZ-0001	HAPS	None	None	None
	GRP-3	63ZZZZ-0001	HAPS	None	None	None
	GRP-4	63ZZZZ-0001	HAPS	None	None	None
	GRPFWPUMP	63ZZZZ-0002	HAPS	None	None	None
	GRP-1	60IIII-0001	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)

	GRP-2A	60III-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPFWPUMP	60III-0004	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPFWPUMP	60III-0004	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPTANKS	R5112-0001	VOC	[G]115.117	115.118(a)(1), 115.118(a)(5), 115.118(a)(7)	None
	UNLOAD	R5212-0001	VOC	115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, 115.215(4)	115.216, 115.216(2), 115.216(3)(B)	None

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

I. Identifying Information
Account Number:
Regulated Entity Number: RN110852753
Customer Reference Number: CN605700061
Permit Number: TBA
Area Name: Alamo Mission
Company Name: Alamo Mission LLC
II. Duly Authorized Representative Information
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Zia Mohammed Khan
Title: Data Center Facilities Manager
Delegation Effective Date: 12/4/2024
Telephone Number: 650-404-7004
Fax Number:
Company Name: Alamo Mission LLC
Mailing Address: 500 E. Ovilla Rd. *
City: Red Oak
State: TX
ZIP Code: 75154
Email Address: ziakhan@google.com

* Future address for site will be : 320 N. Austin Blvd.
Red oak, TX 75154

[Signature] Adam Maxwell

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

III. Certification of Truth, Accuracy, and Completeness

I, Adam Merkel

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

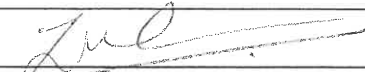
Certify that, based on information and belief formed after reasonable inquiry, the statements, and information stated above are true; accurate, and complete. *(RO signature required for New DAR Identification only; DAR signature required for any Action Type)*

Responsible Official Signature: _____

 ADAM MERKEL

Date: 2/28/2025

Duly Authorized Representative Signature: _____


(Name(s) printed or typed)

Date: 2/28/2025

IV. Removal of Duly Authorized Representative(s)

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

(Name(s) printed or typed)

Effective Date: _____

Responsible Official Signature: _____

Date: _____

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ALAMO MISSION
Does the site have a physical address?	Yes
Physical Address	
Number and Street	330 AUSTIN BLVD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	518210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110852753
What is the name of the Regulated Entity (RE)?	ALAMO MISSION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	500 E OVILLA RD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Facility NAICS Code	518210
What is the primary business of this entity?	DATA CENTER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605700061
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Alamo Mission LLC
Texas SOS Filing Number	803230992
Federal Tax ID	832544802
State Franchise Tax ID	32069675737
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Alamo Mission LLC
Prefix	MR
First	Adam
Middle	
Last	Merkel
Suffix	
Credentials	
Title	Datacenter Operations Facilities Manager
Enter new address or copy one from list:	Site Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	330 AUSTIN BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	RED OAK
State	TX
ZIP	75154
Phone (###-###-####)	9183737005
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	merkelam@google.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	Alamo Mission LLC
Prefix	MR
First	Zia
Middle	Mohammed
Last	Khan
Suffix	
Credentials	
Title	Data Center Facilities Manager
Enter new address or copy one from list	Responsible Official Contact Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	330 AUSTIN BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	RED OAK

State	TX
Zip	75154
Phone (###-###-####)	6504047004
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	ziakhan@google.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	Trinity Consultants
Prefix	MS
First	Melissa
Middle	
Last	Ryan
Suffix	
Credentials	
Title	Principal Consultant
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1800 WEST LOOP S STE 1000
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77027
Phone (###-###-####)	7135521371
Extension	208
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mryan@trinityconsultants.com

Title V General Information - New

1) Permit Latitude Coordinate:	32 Deg 31 Min 54 Sec
2) Permit Longitude Coordinate:	96 Deg 47 Min 33 Sec
3) Is this submittal a new application or an update to an existing application?	Update
3.1. Is this application update a follow-up to an abbreviated application?	No
3.2. Select the permit/project number for which this update should be applied.	4709-37459
4) Who will electronically sign this Title V application?	Responsible Official
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name	OP-REQ3 2025-0401.pdf
Hash	59D1AE1787C3BBFC37FCA5D60F286DD4FC114F65F01198771693A825D0C91A25
MIME-Type	application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUM (Individual Unit Summary)

[File Properties]

File Name	OP-SUM 2025-0401.pdf
Hash	CF32A7AC57833169569162351F00FC4466E0E5F05BAAB3E1002AF468C3A5DF3C
MIME-Type	application/pdf

[File Properties]

File Name	OP-SUM conf 2025-0401.pdf
Hash	5906DA88BD77286A09C542F59A3B1342EBB37AA69A67843D88B8717079430793
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name	OP-UA2 2025-0401.pdf
Hash	5A5A2CB15D3F53065FED765E9C8BB7CE9E68F9F59C929CFE10D17BB6E80F8D01
MIME-Type	application/pdf

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

[File Properties]

File Name	OP_DEL_SKM_C550i25022811430.pdf
Hash	5BAD99776441B6CBA8E71EA6CA31F97BC92F2D50F8E6E2378D6F4E539E31AB50
MIME-Type	application/pdf

Attach any other necessary information needed to complete the permit.

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

Certification

I certify that I am the 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 Adam M Merkel, the owner of the STEERS account ER087239.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V New.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Adam M Merkel OWNER OPERATOR

Account Number:	ER087239
Signature IP Address:	199.87.248.166
Signature Date:	2025-04-15
Signature Hash:	BD99034361AE52AB5CD6E929CE31751CBF9274B6C4E7C61902EC79AB2473FB47
Form Hash Code at time of Signature:	5FE20A356B8905A954821051D1936EFD3D201911377F132DB2DCD5A15193AEAE

Submission

Reference Number:	The application reference number is 774955
Submitted by:	The application was submitted by ER087239/Adam M Merkel
Submitted Timestamp:	The application was submitted on 2025-04-15 at 12:49:19 CDT
Submitted From:	The application was submitted from IP address 199.87.248.166
Confirmation Number:	The confirmation number is 646359
Steers Version:	The STEERS version is 6.89

Additional Information

Application Creator: This account was created by Melissa Ryan

From: Primavera Trevino
Sent: Monday, April 14, 2025 3:18 PM
To: Melissa Ryan
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

Thank you for the update. I received your message, and the address should be the primary building address where the RO and/or DAR receives mail. Below is an excerpt from the Form OP-DEL instructions:

“Mailing Address: For submittals with an “Action Type” designation of “New DAR Identification,” enter the mailing address of the new DAR, including city, state, and ZIP Code. For submittals with an “Action Type” designation of “Administrative Information Change,” enter the city, state, and ZIP Code of the mailing address for the current DAR, if changed. If any portion of the mailing address is unchanged, leave the corresponding space blank. (address maximum - 50 characters; city maximum - 25 characters)”

Please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Monday, April 14, 2025 8:30 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

Let me check with the RO. I had prepared the updates and loaded them in STEERS for him to sign and submit. I'll see if he's having issues with STEERS and we'll get those to you.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Monday, April 14, 2025 8:29 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I am following up on any updates to the revisions on Form OP-SUM and the submission of the Form OP-DEL. Please let me know if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Tuesday, April 1, 2025 10:48 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

I apologize, I somehow missed your 3/14 email. I will get the forms updated and upload those along with the previously emailed OP-DEL in STEERS for the RO to submit.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Friday, March 28, 2025 11:46 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

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Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Friday, March 14, 2025 8:21 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have completed my technical review of Permit No. O4709. There are a few items that need clarification.

On Form OP-SUM and the PBR Supplemental Table, there is a Unit/Process ID No. GRPFWPUMP. On Form OP-UA2 (page 1, 4, 10, 11, and 12) and on Form OP-REQ3 the Unit ID No. is GRPFWPUMPS. Please confirm which Unit ID No. is correct and revise to resubmit the necessary forms.

On Form OP-SUM there are no registration numbers in brackets under the “Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106” column. In Table A of Form OP-PBR SUP, there are registration numbers associated with the PBRs provided. Please resubmit Form OP-SUM with the correct formatting to include the registration numbers associated with each Emission Unit.

Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

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I apologize, I somehow missed your 3/14 email. I will get the forms updated and upload those along with the previously emailed OP-DEL in STEERS for the RO to submit.

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Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Tuesday, April 1, 2025 10:48 AM
To: Primavera Trevino
Cc: Rhyan Stone
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

I apologize, I somehow missed your 3/14 email. I will get the forms updated and upload those along with the previously emailed OP-DEL in STEERS for the RO to submit.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Friday, March 28, 2025 11:46 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

I wanted to follow up on any updates for the revisions and Form OP-DEL. Please let me know if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Friday, March 14, 2025 8:21 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have completed my technical review of Permit No. O4709. There are a few items that need clarification.

On Form OP-SUM and the PBR Supplemental Table, there is a Unit/Process ID No. GRPFWPUMP. On Form OP-UA2 (page 1, 4, 10, 11, and 12) and on Form OP-REQ3 the Unit ID No. is GRPFWPUMPS. Please confirm which Unit ID No. is correct and revise to resubmit the necessary forms.

On Form OP-SUM there are no registration numbers in brackets under the “Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106” column. In Table A of Form OP-PBRSUP, there are registration numbers associated with the PBRs provided. Please resubmit Form OP-SUM with the correct formatting to include the registration numbers associated with each Emission Unit.

Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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Sent: Friday, March 28, 2025 11:46 AM
To: mryan@trinityconsultants.com
Cc: Rhyan Stone
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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(512) 239-6209

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Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, March 14, 2025 8:21 AM
To: Primavera Trevino
Subject: Automatic reply: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

I will be out of the office March 10-14 with limited email access. Please call 713-552-1360 if you need immediate assistance.

From: Primavera Trevino
Sent: Friday, March 14, 2025 8:21 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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Please respond by **03/21/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Primavera Trevino
Sent: Friday, February 28, 2025 2:36 PM
To: Melissa Ryan
Cc: Rhyan Stone
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

The Form OP-DEL will need to be submitted through STEERS as mentioned in the Form OP-DEL instructions.

“A Responsible Official (RO) may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. Signature stamps can be accepted in place of an original signature. Electronic signature stamps such as DocuSign will not be accepted. Photocopies and electronic submittals can be submitted, however, must be followed up with the original Form OP-DEL. **This form must be submitted to TCEQ through Title V STEERS.**” The form instructions can be found at: [TCEQ Form 10011 - OP-DEL Delegation of Responsible Official Information Federal Operating Permit Program](#)

You may submit an OP-CRO1 at the end of all comments/questions to certify everything through STEERS or as a hard copy through the mail.

Please contact me if you have any questions.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, February 28, 2025 12:00 PM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Can we submit one OP-CRO1 at the end of all comments/questions to certify everything?

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Friday, February 28, 2025 11:58 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

The Form OP-DEL will need to be submitted through STEERS for certification.

Thank you,
Primavera Treviño
(512) 239-6209

From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, February 28, 2025 11:54 AM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

Please find attached the requested OP-DEL form with signatures from both the RO and the DAR.

Please let me know if there is anything further that you need.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Tuesday, February 25, 2025 11:34 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

The date for response of 02/25/2025 is meant to be 02/28/2025.

Thank you,
Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Tuesday, February 25, 2025 11:30 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

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Please submit a revised Form OP-DEL with both the RO and DAR signatures by **02/25/2025**. If you have any questions please contact me, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, February 28, 2025 12:00 PM
To: Primavera Trevino
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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Thanks!

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P 713.552.1371 x208 M 713.594.4628

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Sent: Friday, February 28, 2025 11:58 AM
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Good morning,

The Form OP-DEL will need to be submitted through STEERS for certification.

Thank you,
Primavera Treviño
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To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Primavera,

Please find attached the requested OP-DEL form with signatures from both the RO and the DAR.

Please let me know if there is anything further that you need.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

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Sent: Tuesday, February 25, 2025 11:34 AM
To: Melissa Ryan <mryan@trinityconsultants.com>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

The date for response of 02/25/2025 is meant to be 02/28/2025.

Thank you,
Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Tuesday, February 25, 2025 11:30 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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Please submit a revised Form OP-DEL with both the RO and DAR signatures by **02/25/2025**. If you have any questions please contact me, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

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Please let me know if there is anything further that you need.

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Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

The date for response of 02/25/2025 is meant to be **02/28/2025**.

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Operating Permits Section

Office of Air – Air Permits Division

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Phone: (512) 239-6209



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From: Melissa Ryan <mryan@trinityconsultants.com>
Sent: Friday, February 28, 2025 11:54 AM
To: Primavera Trevino
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission
Attachments: SKM_C550i25022811430.pdf

Primavera,

Please find attached the requested OP-DEL form with signatures from both the RO and the DAR.

Please let me know if there is anything further that you need.

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Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

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Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

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

I. Identifying Information
Account Number:
Regulated Entity Number: RN110852753
Customer Reference Number: CN605700061
Permit Number: TBA
Area Name: Alamo Mission
Company Name: Alamo Mission LLC
II. Duly Authorized Representative Information
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Zia Mohammed Khan
Title: Data Center Facilities Manager
Delegation Effective Date: 12/4/2024
Telephone Number: 650-404-7004
Fax Number:
Company Name: Alamo Mission LLC
Mailing Address: 500 E. Ovilla Rd. *
City: Red Oak
State: TX
ZIP Code: 75154
Email Address: ziakhan@google.com

* Future address for site will be : 320 N. Austin Blvd.
Red oak, TX 75154

[Signature] Adam Maxwell

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

III. Certification of Truth, Accuracy, and Completeness

I, Adam Merkel

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

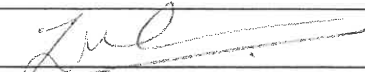
Certify that, based on information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. *(RO signature required for New DAR Identification only; DAR signature required for any Action Type)*

Responsible Official Signature: _____

 ADAM MERKEL

Date: 2/28/2025

Duly Authorized Representative Signature: _____


(Name(s) printed or typed)

Date: 2/28/2025

IV. Removal of Duly Authorized Representative(s)

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

(Name(s) printed or typed)

Effective Date: _____

Responsible Official Signature: _____

Date: _____

From: Primavera Trevino
Sent: Thursday, February 27, 2025 10:28 AM
To: mryan@trinityconsultants.com
Cc: Rhyan Stone
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good morning,

To follow up with our call from yesterday, physical signatures from the RO and DAR will be required. They are able to sign the one that was already submitted and resubmit it through STEERS. Please contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Primavera Trevino
Sent: Wednesday, February 26, 2025 5:06 PM
To: mryan@trinityconsultants.com
Subject: Form OP-DEL - FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

I have reached out to my team lead, and they are getting confirmation to the question about the Form OP-DEL. I will respond with an answer as soon as possible, thank you!

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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

From: Primavera Trevino
Sent: Tuesday, February 25, 2025 11:34 AM
To: mryan@trinityconsultants.com
Subject: RE: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

The date for response of 02/25/2025 is meant to be **02/28/2025**.

Thank you,
Primavera Treviño
(512) 239-6209

From: Primavera Trevino
Sent: Tuesday, February 25, 2025 11:30 AM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Good afternoon,

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The form instructions can be found at: [TCEQ Form 10011 - OP-DEL Delegation of Responsible Official Information Federal Operating Permit Program](#)

Please submit a revised Form OP-DEL with both the RO and DAR signatures by **02/25/2025**. If you have any questions please contact me, thank you.

Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
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Primavera Treviño

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Phone: (512) 239-6209



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From: Primavera Trevino
Sent: Tuesday, February 4, 2025 4:29 PM
To: mryan@trinityconsultants.com
Subject: Technical Review -- FOP O4709/Project 37459, Alamo Mission LLC/Alamo Mission

Ms. Ryan,

I have been assigned to the Federal Operating Permit (FOP) initial application of Permit No. O4709 for Alamo Mission LLC, Alamo Mission, Alamo Mission Data Center. This application has been assigned Project No. 37459. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

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

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

I will begin my technical review within the next two weeks. Please contact me if you have any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



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From: [eNotice TCEQ](#)
To: brian.birdwell@senate.texas.gov; brian.harrison@house.texas.gov
Subject: TCEQ Notice - Permit Number O4709
Date: Friday, January 24, 2025 11:34:02 AM
Attachments: [TCEQ Notice - O4709 37459.pdf](#)

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

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

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

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

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 24, 2025

THE HONORABLE BRIAN BIRDWELL
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 37459
Permit Number: O4709
Alamo Mission LLC
Alamo Mission Data Center
Red Oak, Ellis County
Regulated Entity Number: RN110852753
Customer Reference Number: CN605700061

Dear Senator Birdwell:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.792527,32.531786&level=13>.

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

The Honorable Brian Birdwell
Page 2
January 24, 2025

Re: Accepted Federal Operating Permit Initial Issuance Application

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

Sincerely,

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

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

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 24, 2025

THE HONORABLE BRIAN HARRISON
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application
Project Number: 37459
Permit Number: O4709
Alamo Mission LLC
Alamo Mission Data Center
Red Oak, Ellis County
Regulated Entity Number: RN110852753
Customer Reference Number: CN605700061

Dear Representative Harrison:

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

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.792527,32.531786&level=13>.

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

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

Sincerely,

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

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

From: [Rosa Mora-Nichols](#)
To: [Adam Merkel](#); [Emily Sotherlund](#); [Melissa Ryan](#)
Subject: RE: Additional Information Needed, Project 37459, Permit 4709, Alamo Mission Inc.
Date: Friday, January 24, 2025 10:30:11 AM
Attachments: [image001.png](#)

Hi Melissa,

156 North Austin Blvd
Red Oak, Texas, 75154

That one is good to list. I will use that one since the United State Postal Service acknowledged that one.

Thank you very much, have a wonderful Friday.

Sincerely,

Rosa Mora-Nichols

License and Permit Specialist
Texas Commission on Environmental Quality
Office of Air - Air Permits Division
(512) 239-2071



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From: Adam Merkel <merkela@gmail.com>
Sent: Friday, January 24, 2025 10:24 AM
To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>; Emily Sotherlund <sotherlund@gmail.com>; Melissa Ryan <MRyan@trinityconsultants.com>
Subject: Re: Additional Information Needed, Project 37459, Permit 4709, Alamo Mission Inc.

[+Emily Sotherlund](#)

Emily,

We are having some issues with filing for permits due to the address conflict that we are

trying to work out and resolve with the city. Looping you in to see if we have any direction as of yet on getting a new address for the site.

[@Melissa Ryan](#)

I'm not sure if we can temporarily use the construction address to communicate general location for the site for now. If so, that address is as follows:

156 North Austin Blvd
Red Oak, Texas, 75154

V/R
Adam Merkel
Google Data Center, Facilities Manager (MDN/RED)

On Fri, Jan 24, 2025 at 10:19 AM Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov> wrote:

Melissa,

I need directions to the site.

A mailing address for the Responsible Official other than the one that was originally listed, because USPS does not acknowledge that one.

Thank you,
Rosa Mora-Nichols

From: Melissa Ryan <mryan@trinityconsultants.com>

Sent: Friday, January 24, 2025 10:11 AM

To: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>

Cc: merkellam@google.com

Subject: RE: Additional Information Needed, Project 37459, Permit 4709, Alamo Mission Inc.

Rosa,

I received your message and am checking with the site on a mailing address. I will get back with you as soon as I have a response.

Thanks!

Melissa Ryan

P [713.552.1371](tel:713.552.1371) x208 M [713.594.4628](tel:713.594.4628)

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>

Sent: Friday, January 24, 2025 10:06 AM

To: Melissa Ryan <mryan@trinityconsultants.com>

Cc: merkelam@google.com

Subject: Additional Information Needed, Project 37459, Permit 4709, Alamo Mission Inc.

Importance: High

Good morning, Ms. Ryan,

This email is a follow-up to the voicemail that was left this morning.

Additional Information is needed for Project 37459, Permit 4709, Alamo Mission Inc. The United States Postal Service, (USPS), does not acknowledge the site/facility's physical address. When this happens, we need directions to the site. Please promptly send me the directions to the site.

Also, the same address is listed for the Responsible Official. Is there another address where mail is received? Please promptly provide another mailing address, (for the RO), possibly a PO Box or another mailing address that is acknowledged by the USPS.

Please promptly provide this information, it is needed so I can declare this application administratively complete, move this application forward.

Thank you,

Rosa Mora-Nichols

License and Permit Specialist

Texas Commission on Environmental Quality

Office of Air - Air Permits Division

[\(512\) 239-2071](tel:5122392071)



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Districts 2 and 22

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TX Senator (Texas Senate (/online/txsenate/))

Entered Office: 06-25-2010

Term Ends: 01-2027

District: 22

General Information

Profession: Retired Military

Home Town: Granbury

Birthdate: 11-03-1961

Spouse: Mel

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Personal Information

President Pro Tempore of the Senate 1/2021-5/2021

S-2010-present

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1E.3

1100 Congress Ave

Austin, TX 78701

Capitol Phone: (512) 463-0122

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 brian.birdwell@senate.texas.gov (mailto:brian.birdwell@senate.texas.gov)


Granbury District Office


Sr. Dist. Mgr./Special Proj. C:

Shelly Verlander

1315 Waters Edge Dr, Suite 116-2

Granbury, TX 76048

 (817) 573-9622


 (817) 579-7172


Waco District Office

Robyn Morrison, Dist. Mgr.

900 Austin Avenue, Suite 500

Waco, TX 76701

 (254) 772-6225


 (254) 776-2843


Arlington Office

Shelly Verlander, Dist. Manage:

3900 Arlington Highlands Blvd., Suite 26

Arlington, TX 76018

 (817) 466-7327

 (817) 466-7338

 Shelly.Verlander@senate.texas.gov (mailto:Shelly.Verlander@senate.texas.gov)

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JASON URBANOSKY (JUSTICE OF THE PEACE) (/ONLINE/SEARCH/?TOSEARCH=JASON+URBANOSKY+%28JUSTICE+OF+THE+PEACE%29&SEARCHCAT=1)

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Austin, Texas 78701

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Rep. Brian E. Harrison (R)

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TX House Representative (Texas House of Representatives (/online/txhouse/))

Entered Office: 10-12-2021

District: 10

General Information

Home Town: Midlothian

Spouse: Tara

[Download vCard \(/online/vcard/?id=68019&office=16801\)](/online/vcard/?id=68019&office=16801) (?) (</online/aboutvcards/>)[+ Add to Favorites \(/online/add_favorite/?name=Rep. Brian E. Harrison\)](/online/add_favorite/?name=Rep. Brian E. Harrison)

Personal Information

Bachelors degree in economics-Texas A&M University 2004.

H-2021-present.

Harrison earned a bachelor's degree from Texas A&M University in 2004. His professional experience includes working for his family's construction business and as chief of staff to former U.S. Health and Human Services Secretary Alex Azar under President Donald Trump.

Office Information

Dist. 10 - Ellis

Sens. Birdwell, Hall

Committees

Criminal Jurisprudence (</online/housecom/detail.php?id=263>); Public Education (</online/housecom/detail.php?id=285>)

Contact and Phone Numbers

Capitol Office:

E1.414

Capitol Phone: (512) 463-0516

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✉ brian.harrison@house.texas.gov (<mailto:brian.harrison@house.texas.gov>)

100 N College Street, Suite 306

Waxahachie, TX 75165

📞 (972) 923-0264

Staff

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Chief of Staff	Cassie Hoyer (/online/person/?id=68155&staff=9884)	(512) 463-0516
District Director	Maurice Osborn (/online/person/?id=70073&staff=10535)	(972) 923-0264

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From: [Melissa Ryan](#)
To: [Rosa Mora-Nichols](#); merkelam@google.com
Subject: RE: Project 37459, Permit 4709, Alamo Mission, LLC.,
Date: Wednesday, January 22, 2025 6:33:38 AM
Attachments: [image001.png](#)
[Public RED Title V Permit Application 2024-1203.pdf](#)

Rosa,

I am not sure what happened in STEERS but please find attached the main application document. Please let me know if you need anything else.

Thanks!

Melissa Ryan
P 713.552.1371 x208 M 713.594.4628

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Tuesday, January 21, 2025 5:32 PM
To: merkelam@google.com
Cc: Melissa Ryan <mryan@trinityconsultants.com>
Subject: Project 37459, Permit 4709, Alamo Mission, LLC.,
Importance: High

Good day, Ms. Ryan,

This email is a follow-up to the voicemail left today.

TCEQ is in receipt of the application for Project 37459, Permit 4709, Alamo Mission, LLC., however, most of the forms were not uploaded; the only two forms that we received were the PIP Form and the tables that were Confidential.

Please promptly email me the rest of the application by 10:00a.m. tomorrow, (Wednesday, 01/22/2025), so this application may be declared administratively complete.

Regards,
Rosa Mora-Nichols
License and Permit Specialist
Texas Commission on Environmental Quality
Office of Air - Air Permits Division
(512) 239-2071



How are we doing? www.tceq.texas.gov/customersurvey

INITIAL TITLE V PERMIT APPLICATION

Alamo Mission LLC / Alamo Mission Data Center

Prepared By:

TRINITY CONSULTANTS

1800 West Loop South
Suite 1000
Houston, Texas 77027
(713) 552-1371
www.TrinityConsultants.com

December 2024

Project 244402.0330



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1. EXECUTIVE SUMMARY

1.1 Background

Alamo Mission LLC (Alamo Mission) has obtained authorization to construct a greenfield data center (Alamo Mission Data Center) in Red Oak, Ellis County, Texas. The facility was authorized by the Texas Commission on Environmental Quality (TCEQ) through the Air Permit-by-Rule (PBR) registration. PBR Registration No. 167790 was approved on January 27, 2022¹, which authorized the emissions from the Alamo Mission Data Center resulting from diesel-fired emergency engines/generator sets, emergency fire water pumps, diesel storage tanks, and cooling towers.

Ellis County is included in the Dallas-Fort Worth (DFW) nonattainment area. The DFW area is currently designated severe nonattainment for the 2008 eight-hour ozone NAAQS of 0.075 parts per million (ppm). Alamo Mission Data Center is considered a major source of nitrogen oxide (NO_x) emissions as the potential to emit from the site is greater than 25 tons per year. This makes the facility a major source and requires a Title V permit. Per the requirements of 30 TAC 122.130(b)(1), an initial Title V application must be submitted prior to operating a new site. Alamo Mission requests that a Title V permit be issued for the Alamo Mission Data Center. This submittal includes the full application package and is being submitted prior to the start of operation, which is scheduled for early 2025.

The following required supporting documentation is provided in this full Title V application package:

- ▶ Process Description
- ▶ Process Flow Diagram
- ▶ Area Map
- ▶ Plot Plan
- ▶ Forms:
 - Site Information Summary (OP-1)
 - Individual Unit Summary (OP-SUM),
 - Application Compliance Plan and Schedule (OP-ACPS),
 - Applicable Unit Attribute Forms (OP-UA),
 - Application Area-wide Applicability Determinations and General Information (OP-REQ1),
 - Negative Applicable Requirements Determination (OP-REQ2),
 - Applicable Requirements Summary (OP-REQ3),
 - Permit by Rule Supplemental Table (OP-PBRSUP),
 - Delegation of Responsible Official (OP-DEL), and
 - Certification by Responsible Official (OP-CRO1).

Confidential (trade secret) information regarding the number of generators, tanks, and cooling towers is provided in Appendix A under separate cover. All pages in that submittal are marked "CONFIDENTIAL." Alamo Mission goes to great lengths to protect that trade secret information regarding its data centers because disclosure would reveal to competitors valuable proprietary information about the facility's server

¹ An update to PBR Registration No. 167790 was submitted on September 21, 2022. The TCEQ approved the update under new PBR Registration No. 170469. The update to the registration did not change the major source status of the site.

capacity and scaling. Accordingly, Alamo Mission requests that TCEQ prevent public disclosure of the information in Appendix A as required by the Texas Health and Safety Code §382.041(a).

1.2 Permit History

1.2.1 Permit-by-Rule Registration #167790 and 170469

On January 27, 2022, Alamo Mission submitted a PBR application to authorize emissions from diesel-fired emergency engines/generator sets, emergency fire water pumps, diesel storage tanks, and cooling towers associated with the Alamo Mission Data Center. On September 21, 2022, Alamo Mission submitted a request to update information in PBR 167790 based on design changes identified for future construction phases. Those proposed changes were approved by TCEQ on September 21, 2022, under PBR 170469.

2. PROCESS DESCRIPTION

The Alamo Mission Data Center is located in Red Oak, Ellis County, Texas. Equipment authorized at the site includes:

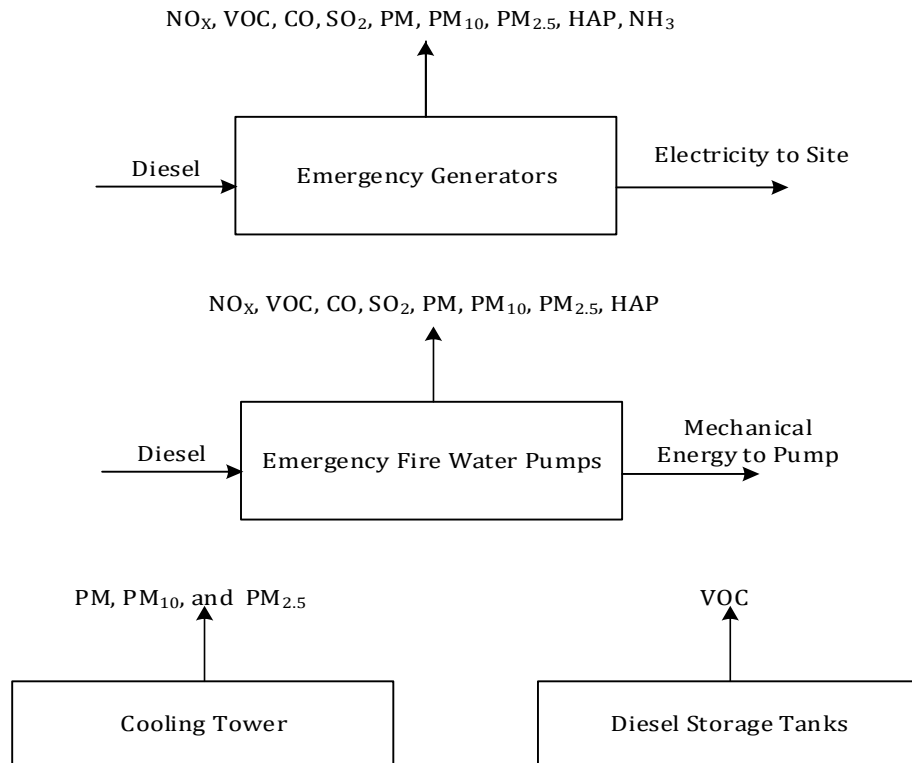
- ▶ Diesel-fired engine-driven emergency generators (Groups 1, 1A, 2, 2A, 3, and 4),
- ▶ Diesel engine-driven emergency firewater pumps,
- ▶ Diesel storage tanks, and
- ▶ Mechanical draft cooling towers.

All engines will meet Tier 2 standards. Engines in Groups 1A and 2A will have selective catalytic reduction (SCR) installed for NO_x control. The SCR is being voluntarily added to these engines and is not a regulatory requirement for the emergency generators.

The majority of emissions from this site are from the combustion of diesel fuel in the diesel engine-driven emergency generator sets. Alamo Mission has divided its emergency generator sets into six groupings (Group 1, Group 1A, Group 2, Group 2A, Group 3, and Group 4) based on power rating and manufacturer. The engines were grouped such that regulatory applicability, and the attributes used to determine the applicability, is the same for all engines in a group. Details on the equipment attributes and regulatory applicability for each group can be found on the OP-UA2 and OP-REQ3 forms, respectively.

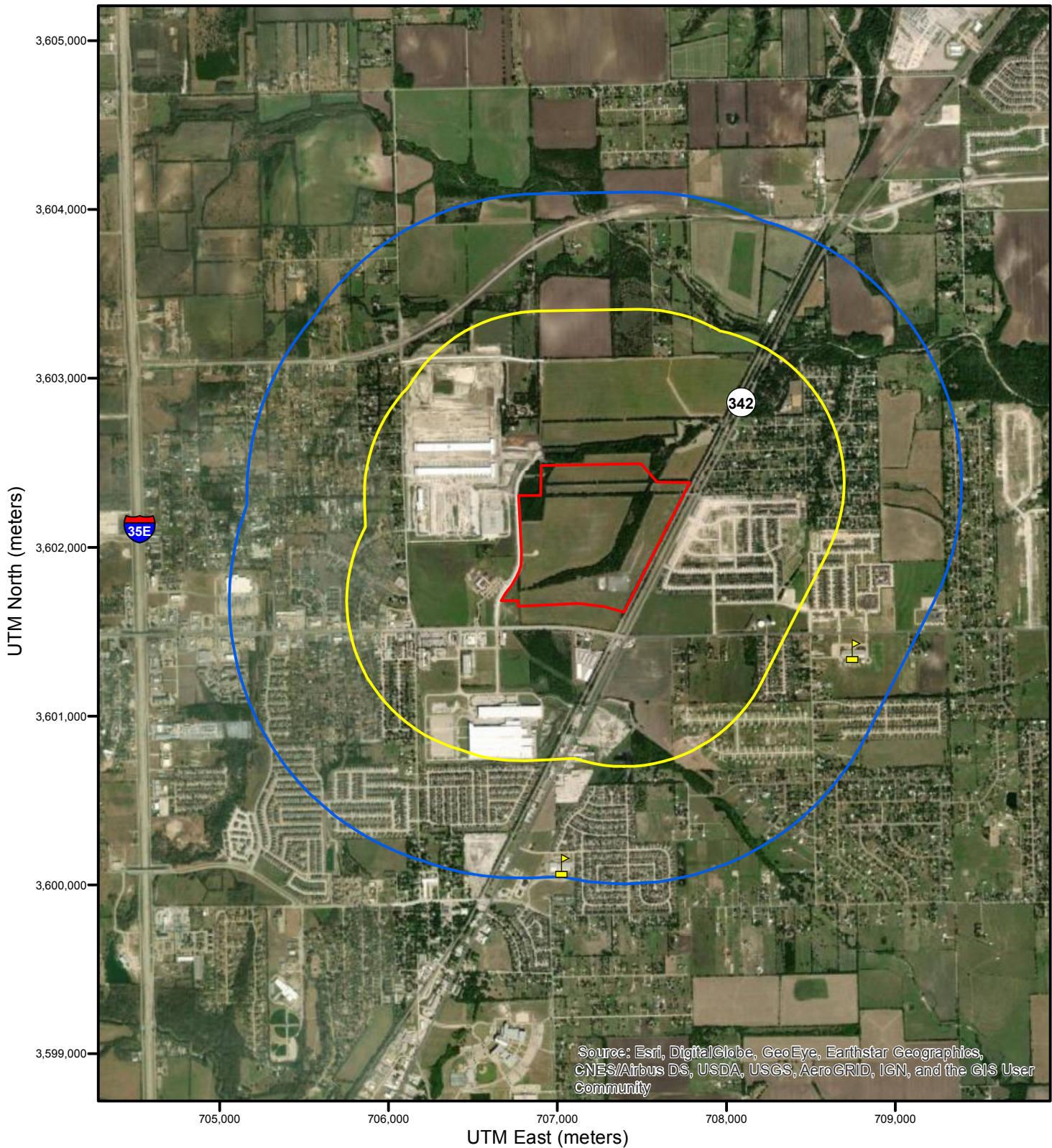
3. PROCESS FLOW DIAGRAM

Figure 3-1. Process Flow Diagram



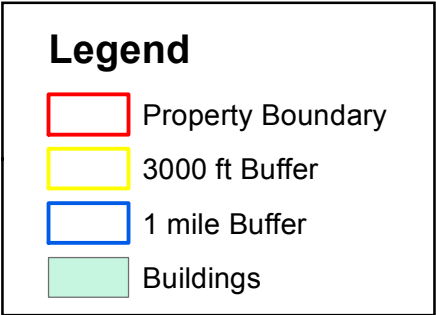
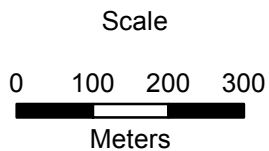
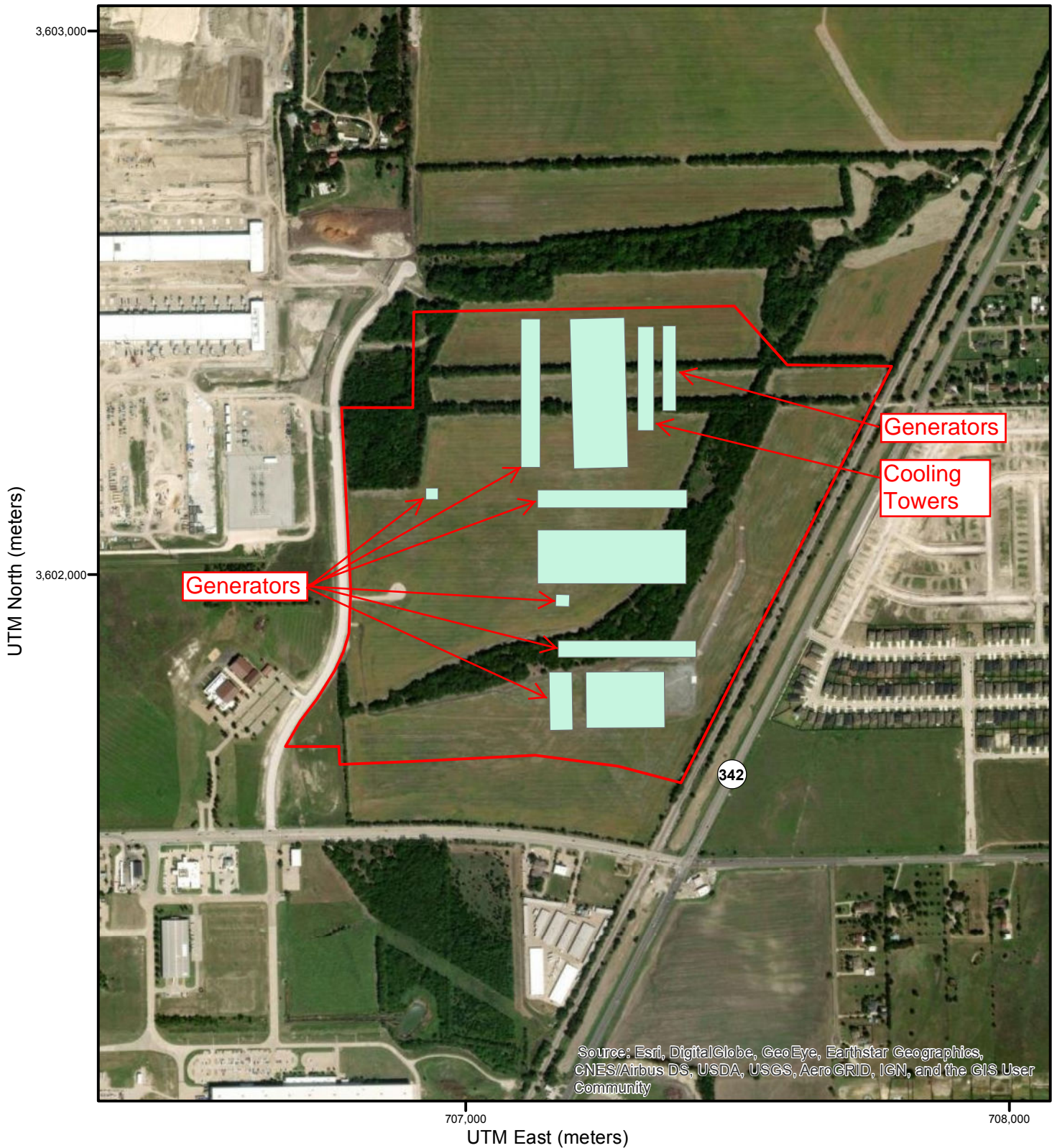
4. AREA MAP

Alamo Mission LLC
Red Oak, TX - Area Map



5. PLOT PLAN

Alamo Mission LLC
Red Oak, TX - Plot Plan



Coordinate System:
NAD 1983 Zone 14N
Date: 10-4-2024



6. TCEQ FORMS

OP-1
OP-SUM
OP-ACPS
OP-UA2
OP-UA3
OP-UA4
OP-REQ1
OP-REQ2
OP-REQ3
OP-PBRSUP
OP-DEL
OP-CRO1

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

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

I. Company Identifying Information
A. Company Name: Alamo Mission LLC
B. Customer Reference Number (CN): CN605700061
C. Submittal Date (mm/dd/yyyy): 12/04/2024
II. Site Information
A. Site Name: Alamo Mission
B. Regulated Entity Reference Number (RN): RN110852753
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input checked="" type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Adam Merkel
RO Title: Datacenter Operations Facilities Manager
Employer Name: Alamo Mission LLC
Mailing Address: 500 E. Ovilla Rd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (918) 373-7005
Fax No.:
Email: merkelam@google.com

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Melissa Ryan
Technical Contact Title: Principal Consultant
Employer Name: Trinity Consultants, Inc.
Mailing Address: 1800 West Loop South, Suite 1000
City: Houston
State: Texas
ZIP Code: 77027
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-552-13781 ext.208
Fax No.:
Email: mryan@trinityconsultants.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Brian Birdwell
B. State Representative: Brian Harrison
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Alamo Mission Data Center
B. Physical Address: 500 E. Ovilla Rd.
City: Red Oak
State: Texas
ZIP Code: 75154
C. Physical Location:
D. Nearest City: Red Oak
E. State: Texas
F. ZIP Code: 75154

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

X. Application Area Information (<i>continued</i>)
G. Latitude (nearest second): 32° 31' 54.4296" N
H. Longitude (nearest second): 96° 47' 33.0972" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 10 (emission groups)
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: Red Oak Public Library
B. Physical Address: 101 Live Oak St
City: Red Oak
ZIP Code: 75154
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Adam Merkel
Contact Mailing Address: 500 E. Ovilla Rd.
City: Red Oak
State: TX
ZIP Code: 75154
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 918-373-7005

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

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

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GRP-1	OP-UA2	Engine Group 1		106.511/09/04/2000		GRP-1
GRP-1A	OP-UA2	Engine Group 1A		106.511/09/04/2000		GRP-1A
GRP-2	OP-UA2	Engine Group 2		106.511/09/04/2000		GRP-2
GRP-2A	OP-UA2	Engine Group 2A		106.511/09/04/2000		GRP-2A
GRP-3	OP-UA2	Engine Group 3		106.511/09/04/2000		GRP-3
GRP-4	OP-UA2	Engine Group 4		106.511/09/04/2000		GRP-4
GRPFWPUMP	OP-UA2	Emergency Firewater Pump		106.511/09/04/2000		GRPFWPUMP
GRPTANKS	OP-UA3	Diesel Storage Tank Group		106.472/09/04/2000		GRPTANKS
GRPCLTWRS	OP-REQ2	Cooling Tower Group		106.371/09/04/2000		GRPCLTWRS
UNLOAD	OP-UA4	Diesel Unloading		106.472/09/04/2000		

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

Date: 12/04/2024	Regulated Entity No.: RN110852753	Permit No.: TBA
Company Name: Alamo Missions		Area Name: Alamo Data Center

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

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
<p><small>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</small></p> <p><small>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</small></p>	

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)**

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
GRP-1	R7403-0001	50+			D2007+				
GRP-1A	R7403-0001	50+			D2007+				
GRP-2	R7403-0001	50+			D2007+				
GRP-2A	R7403-0001	50+			D2007+				
GRP-3	R7403-0001	50+			D2007+				
GRP-4	R7403-0001	50+			D2007+				
GRPFWPUMPS	R7403-0001	50+			D2007+				

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.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-1	63ZZZZ-0001	AREA	500+	06+			
GRP-1A	63ZZZZ-0001	AREA	500+	06+			
GRP-2	63ZZZZ-0001	AREA	500+	06+			
GRP-2A	63ZZZZ-0001	AREA	500+	06+			
GRP-3	63ZZZZ-0001	AREA	500+	06+			
GRP-4	63ZZZZ-0002	AREA	300-500	06+			
GRPFWPUMPS	63ZZZZ-0003	AREA	100-250	06+			

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.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-1	60IIII-0001	2005+	NONE	EMERG	CON	0406+
GRP-1A	60IIII-0001	2005+	NONE	EMERG	CON	0406+
GRP-2	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-2A	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-3	60IIII-0002	2005+	NONE	EMERG	CON	0406+
GRP-4	60IIII-0003	2005+	NONE	EMERG	CON	0406+
GRPFWPUMPS	60IIII-0004	2005+	NONE	FIRE	CON	0706+

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

Federal Operating Permit Program

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

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

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-1	60IIII-0001	DIESEL		10-		2017+	
GRP-1A	60IIII-0001	DIESEL		10-		2017+	
GRP-2	60IIII-0002	DIESEL		10-		2017+	
GRP-2A	60IIII-0002	DIESEL		10-		2017+	
GRP-3	60IIII-0002	DIESEL		10-		2017+	
GRP-4	60IIII-0003	DIESEL		10-		2017+	
GRPFWPUMPS	60IIII-0004	DIESEL		10-		2017+	

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

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-1	60IIII-0001	E2237+		NO	NO	MANU YES		
GRP-1A	60IIII-0001	E2237+		NO	NO	MANU YES		
GRP-2	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-2A	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-3	60IIII-0002	E560-2237		NO	NO	MANU YES		
GRP-4	60IIII-0003	E130-368		NO	NO	MANU YES		
GRPFWPUMPS	60IIII-0004	F130-368			NO	MANU YES		

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

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

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.
GRPTANKS	60Kb-001	PTLQ-3	10K-							

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

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
GRPTANKS	R5112-0001	NO		VOC1	A1K-25K			

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

Date	Permit No.	Regulated Entity No.
12/04/2024	TBA	RN110852753

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
GRPTANKS	R5112-0001		NONE1	1-				

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.
12/04/2024	TBA	RN110852753

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
UNLOAD	R5212-001	OTHER	NONE		VOC1	UNLOAD	0.5-		

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

Date:	12/04/2024
Permit No.:	TBA
RN No.:	RN110852753

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date:	12/04/2024
Permit No.:	TBA
RN No.:	RN110852753

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆	a. The application area is subject to 30 TAC § 111.143.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.
	<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:	12/04/2024
Permit No.:	TBA
RN No.:	RN110852753

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
A. Temporary Fuel Shortage Plan Requirements	
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds	
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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

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

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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
K. Cutback Asphalt	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input 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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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input 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
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p>	<input 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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.511	Version No./Date: 9/04/2000
PBR No.: 106.371	Version No./Date: 9/04/2000
PBR No.: 106.472	Version No./Date: 9/04/2000
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:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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

Date	Permit No.	Regulated Entity No.
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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
		GRPCLTWRS	OP-REQ2	30 TAC 115, Subchapter H	§115.760(a)	The cooling tower is not located in Houston/Galveston/Brazoria.
		GRPCLTWRS	OP-REQ2	40 CFR Part 63, Subpart Q	§63.400(a)	The cooling tower is not operated with chromium based water treatment chemicals.
		GRPTANKS	OP-UA3	40 CFR Part 60, Subpart Kb	§60.110b(a)	All tanks have a capacity less than 75 m ³ (19,800 gal).

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

Table 1a: Additions

Date: 12/04/2024	Regulated Entity No.: RN110852753	Permit No.: TBA
Company Name: Alamo Mission	Area Name: Alamo Data Center	

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)
	GRP-1	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-1A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-2	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-2A	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-3	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-4	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRPFWPUMPS	OP-UA2	R7403-0001	NOX	30 TAC Chapter 117, Subchapter B	[G]117.403(a)(9), 117.403(a), [G]117.410(f)
	GRP-1	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-1A	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-2	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)

	GRP-2A	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-3	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-4	OP-UA2	63ZZZZ-0001	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRPFWPUMPS	OP-UA2	63ZZZZ-0002	HAPS	40 CFR Part 63, Subpart ZZZZ	63.6590(c)
	GRP-1	OP-UA2	60IIII-0001	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 8, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 15, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 24, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1	OP-UA2	60IIII-0001	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(b)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 8, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 15, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-1A	OP-UA2	60IIII-0001	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 24, 60.4202(b)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-1A	OP-UA2	60IIII-0001	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(b)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2	OP-UA2	60IIII-0002	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60IIII-0002	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-2A	OP-UA2	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-2A	OP-UA2	60IIII-0002	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 5, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	PM	40 CFR Part 60, Subpart IIII	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-3	OP-UA2	60IIII-0002	Opacity	40 CFR Part 60, Subpart IIII	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60IIII-0003	NMHC+NOX	40 CFR Part 60, Subpart IIII	60.4205(b) 4, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60IIII-0003	CO	40 CFR Part 60, Subpart IIII	60.4205(b) 13, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)

	GRP-4	OP-UA2	60III-0003	PM	40 CFR Part 60, Subpart III	60.4205(b) 22, 60.4202(a)(2), 1039-Appendix I, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRP-4	OP-UA2	60III-0003	Opacity	40 CFR Part 60, Subpart III	60.4205(b) 25, 60.4202(a)(2), 1039.105(b)(1)-(3), 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPFWPUMPS	OP-UA2	60III-0004	NMHC+NOX	40 CFR Part 60, Subpart III	60.4205(c)-Table 4 10, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPFWPUMPS	OP-UA2	60III-0004	PM	40 CFR Part 60, Subpart III	60.4205(c)-Table 4 28, 60.4206, 60.4207(b), [G]60.4211(a), 60.4211(c), [G]60.4211(f)
	GRPTANKS	OP-UA3	R5112-0001	VOC	30 TAC Chapter 115, Subchapter B	115.111(a)(1)
	UNLOAD	OP-UA4	R5212-0001	VOC	30 TAC Chapter 115, Subchapter C	115.217(a)(1), 115.212(a)(2), 115.214(a)(1)(B), 115.214(a)(1)(D), 115.214(a)(1)(D)(i)

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

Table 1b: Additions

Date: 12/04/2024	Regulated Entity No.: RN110852753	Permit No.: TBA
Company Name: Alamo Mission	Area Name: Alamo Data Center	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-1	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-1A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-2	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-2A	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-3	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRP-4	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None
	GRPFWPUMPS	R7403-0001	NOX	None	117.440(i), 117.445(f), 117.445(f)(4), [G]117.445(f)(9)	None

	GRP-1	63ZZZZ-0001	HAPS	None	None	None
	GRP-1A	63ZZZZ-0001	HAPS	None	None	None
	GRP-2	63ZZZZ-0001	HAPS	None	None	None
	GRP-2A	63ZZZZ-0001	HAPS	None	None	None
	GRP-3	63ZZZZ-0001	HAPS	None	None	None
	GRP-4	63ZZZZ-0001	HAPS	None	None	None
	GRPFWPUMPS	63ZZZZ-0002	HAPS	None	None	None
	GRP-1	60IIII-0001	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1	60IIII-0001	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-1A	60IIII-0001	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2	60IIII-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)

	GRP-2A	60III-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-2A	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-3	60III-0002	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	CO	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRP-4	60III-0003	Opacity	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPFWPUMPS	60III-0004	NMHC+NOX	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPFWPUMPS	60III-0004	PM	60.4209(a)	60.4214(b)	[G]60.4214(d)
	GRPTANKS	R5112-0001	VOC	[G]115.117	115.118(a)(1), 115.118(a)(5), 115.118(a)(7)	None
	UNLOAD	R5212-0001	VOC	115.214(a)(1)(A), 115.214(a)(1)(A)(i), 115.215, 115.215(4)	115.216, 115.216(2), 115.216(3)(B)	None

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
12/04/2024	TBA	RN110852753

Unit ID No.	Registration No.	PBR No.	Registration Date
GRP-1	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-1A	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-2	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-2A	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-3	167790, 170469	106.511	1/27/2022, 9/21/2022
GRP-4	167790, 170469	106.511	1/27/2022, 9/21/2022
GRPFWPUMP	167790, 170469	106.511	1/27/2022, 9/21/2022
GRPTANKS	167790, 170469	106.472	1/27/2022, 9/21/2022
GRPCLTWRS	167790, 170469	106.371	1/27/2022, 9/21/2022
UNLOAD	167790, 170469	106.472	1/27/2022, 9/21/2022

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

Date	Permit Number	Regulated Entity Number
12/04/2024	TBA	RN110852753

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

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

Date	Permit Number	Regulated Entity Number
12/04/2024	TBA	RN110852753

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
12/04/2024	TBA	RN110852753

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
GRP-1	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-1A	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-2	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-2A	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-3	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRP-4	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRPFWPUMP	106.511	167790, 170469	Hours of usage are recorded to demonstrate engine is used less than 10% of normal operating schedule of primary equipment. Emissions are calculated using manufacturer's factors and AP-42 to determine compliance with PBR 106.4 emission limits.
GRPTANKS	106.472	167790, 170469	1) No visible emissions - No monitoring needed given the contents of the tank are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9). Emissions will be estimated using AP- 42 Chapter 7 to determine compliance with PBR 106.4 emission limits.
GRPCLTWRS	106.371	167790, 170469	Cooling tower handles water that has not been in direct contact with gaseous or liquid process streams. Emissions will be estimated using AP-42 to determine compliance with PBR 106.4 emission limits.
UNLOAD	106.472	167790, 170469	1) No visible emissions - No monitoring needed given the material unloaded are liquids that do not produce fumes. 2) Chemicals loaded, unloaded, or stored are limited to the list found in 106.472(1)-(9).

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

I. Identifying Information
Account Number:
Regulated Entity Number: RN110852753
Customer Reference Number: CN605700061
Permit Number: TBA
Area Name: Alamo Mission
Company Name: Alamo Mission LLC
II. Duly Authorized Representative Information
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.
Name (Driver License/STEERS): Zia Khan
Title: Data Center Facilities Manager
Delegation Effective Date: 12/4/2024
Telephone Number: 650-404-7004
Fax Number:
Company Name: Alamo Mission LLC
Mailing Address: 500 E. Ovilla Rd.
City: Red Oak
State: TX
ZIP Code: 75154
Email Address: ziakhan@google.com

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

III. Certification of Truth, Accuracy, and Completeness

I, Adam Merkel

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

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

Responsible Official Signature: *certified electronically via STEERS*

Date: 12/4/2024

Duly Authorized Representative Signature: _____

(Name(s) printed or typed)

Date: _____

IV. Removal of Duly Authorized Representative(s)

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

(Name(s) printed or typed)

Effective Date: _____

Responsible Official Signature: _____

Date: _____

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

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

I. Identifying Information
RN: RN110852753
CN: CN605700061
Account No.:
Permit No.: TBA
Project No.: TBA
Area Name: Alamo Mission Data Center
Company Name: Alamo Mission
II. Certification Type <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input checked="" type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____

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

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

IV. Certification of Truth
This certification does not extend to information which is designated by TCEQ as information for reference only.
I, <u>Adam Merkel</u> certify that I am the <u>RO</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div>
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>
Time Period: From _____ to _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div>
Specific Dates: <u>12/04/2024</u> _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div>
_____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div>
Signature: <u>certified electronically via STEERS</u> Signature Date: <u>12/04/2024</u>
Title: <u>Datacenter Operations Facilities Manager</u>



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

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

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

Section 2. Secondary Screening

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

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

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

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

The permit is not expected to have significant public interest.

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	ALAMO MISSION
Does the site have a physical address?	Yes
Physical Address	
Number and Street	500 E OVILLA RD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	518210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN110852753
What is the name of the Regulated Entity (RE)?	ALAMO MISSION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	500 E OVILLA RD
City	RED OAK
State	TX
ZIP	75154
County	ELLIS
Latitude (N) (##.#####)	32.531786
Longitude (W) (-###.#####)	-96.792527
Facility NAICS Code	518210
What is the primary business of this entity?	DATA CENTER

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN605700061
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Alamo Mission LLC
Texas SOS Filing Number	803230992
Federal Tax ID	832544802
State Franchise Tax ID	32069675737
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	Alamo Mission LLC
Prefix	MR
First	Adam
Middle	
Last	Merkel
Suffix	
Credentials	
Title	Datacenter Operations Facilities Manager
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	500 E OVILLA RD
Routing (such as Mail Code, Dept., or Attn:)	
City	RED OAK
State	TX
ZIP	75154
Phone (###-###-####)	9183737005
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	merkelam@google.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Same as another contact?

Organization Name	Alamo Mission LLC
Prefix	MR
First	Zia
Middle	
Last	Khan
Suffix	
Credentials	
Title	Data Center Facilities Manager
Enter new address or copy one from list	RE Physical Address
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	500 E OVILLA RD
Routing (such as Mail Code, Dept., or Attn:)	
City	RED OAK
State	TX
Zip	75154
Phone (###-###-####)	6504047004
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	ziakhan@google.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Trinity Consultants
Prefix	MS
First	Melissa
Middle	
Last	Ryan
Suffix	
Credentials	
Title	Principal Consultant

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1800 WEST LOOP S STE 1000
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77027
Phone (###-###-####)	7135521371
Extension	208
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mryan@trinityconsultants.com

Title V General Information - New

1) Permit Latitude Coordinate:	32 Deg 31 Min 54 Sec
2) Permit Longitude Coordinate:	96 Deg 47 Min 33 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Full
3.3. Is this application for a portable facility?	No

3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
4) Who will electronically sign this Title V application?	Responsible Official
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)	
Attach OP-ACPS (Application Compliance Plan and Schedule)	
Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)	
Attach OP-REQ2 (Negative Applicable Requirement Determinations)	
Attach OP-REQ3 (Applicable Requirements Summary)	
Attach OP-PBRSUP (Permits by Rule Supplemental Table)	
Attach OP-SUM (Individual Unit Summary)	
Attach OP-MON (Monitoring Requirements)	
Attach OP-UA (Unit Attribute) Forms	
Attach OP-CRO2 (Change of Responsible Official Information)	
Attach OP-DEL (Delegation of Responsible Official)	
Attach any other necessary information needed to complete the permit.	
[File Properties]	
File Name	CONFIDENTIAL RED Title V Permit Application 2024-1203.pdf
Hash	E5EE63F8598B0E1938565D946E82C4444EEA878693C4B46A1DDF9D8EB4F7E822
MIME-Type	application/pdf
An additional space to attach any other necessary information needed to complete the permit.	
[File Properties]	
File Name	PIP Form TCEQ-20960.pdf
Hash	1A39127A458199D99D2E13E74E7FF460E2291FC0AE8E2B6D73AE7D584805A435
MIME-Type	application/pdf

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
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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 Adam M Merkel, the owner of the STEERS account ER087239.

2. I have the authority to sign this data on behalf of the applicant named above.

3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.

4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.

5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.

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

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

OWNER OPERATOR Signature: Adam M Merkel OWNER OPERATOR	
Account Number:	ER087239
Signature IP Address:	199.87.248.166
Signature Date:	2024-12-04
Signature Hash:	4B5B0AF20C35EFEF0684F33B642375A419EBDEC1F85BAD151452D9392AA9FEDB
Form Hash Code at time of Signature:	012157EEBDAC5435F0BEBD5FDD4715014229EA6C68974CDFF9FF9CE615553CAD

Submission

Reference Number:	The application reference number is 701347
Submitted by:	The application was submitted by ER087239/Adam M Merkel
Submitted Timestamp:	The application was submitted on 2024-12-04 at 07:23:09 CST
Submitted From:	The application was submitted from IP address 199.87.248.166
Confirmation Number:	The confirmation number is 589575
Steers Version:	The STEERS version is 6.83

Additional Information

Application Creator: This account was created by Melissa Ryan
