From: eNotice TCEQ
To: Robert.nichols@senate.texas.gov; christian.manuel@house.texas.gov
Subject: TCEQ Notice - Permit Number O1402
Date: Friday, February 14, 2025 2:42:17 PM
Attachments: TCEQ Notice - O1402_37594.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.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 14, 2025

THE HONORABLE ROBERT NICHOLS
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37594
Permit Number: O1402
Lower Neches Valley Authority
Neches 1st Pumping Station
Beaumont, Jefferson County
Regulated Entity Number: RN100213248
Customer Reference Number: CN600126502

Dear Senator Nichols:

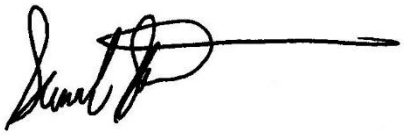
This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will 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=-94.154722,30.168611&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.

Re: Accepted Federal Operating Permit Renewal 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,



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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 14, 2025

THE HONORABLE CHRISTIAN MANUEL
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37594
Permit Number: O1402
Lower Neches Valley Authority
Neches 1st Pumping Station
Beaumont, Jefferson County
Regulated Entity Number: RN100213248
Customer Reference Number: CN600126502

Dear Representative Manuel:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal 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=-94.154722,30.168611&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,

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

From: Brooke Hale
To: Rosa Mora-Nichols
Cc: Jeannie Mahan
Subject: RE: Directions to the Site for Neches 1st Pumping Station, Project 37594, Permit 1402
Date: Friday, February 14, 2025 11:57:09 AM
Attachments: image001.png

Good morning Rosa,

Please see the following driving directions to our Neches 1st Pumping Plant, located at 10550 Helbig Rd. Beaumont, TX 77708, if you are traveling from the Regional TCEQ Office here in Beaumont.

1. Proceed north on Hwy 69 frontage rd.
2. Take a right on E. Lucas Dr
3. Drive about 0.5 miles and turn left on Helbig
4. The road will veer to the left and the gate will be straight ahead about 3 miles

Thank you,

Brooke Hale

Brooke Hale
Human Resource/Admin Clerk
Lower Neches Valley Authority
P. O. Box 5117
Beaumont, TX 77726-5117
409.600.9329 – Phone
409.600.9360 – Fax

From: Rosa Mora-Nichols <rosa.mora-nichols@tceq.texas.gov>
Sent: Friday, February 14, 2025 11:48 AM
To: Brooke Hale <brooke.hale@lnva.dst.tx.us>
Subject: Directions to the Site for Neches 1st Pumping Station, Project 37594, Permit 1402
Importance: High

Good morning, Ms. Hale,

Per our phone conversation, today.

Please promptly email the site directions directly to me, as I am the License Permit Specialist Initial Reviewer assigned to this project for Lower Neches Valley Authority - Neches 1st Pump Station, Project 37594, Permit 1402.

The directions are needed because the United States Postal Service does not recognize the

address 10550 Helbig Rd., Beaumont, TX 77708.

Please provide the directions by COB, today, so we may declare this application administratively complete.

Sincerely,

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

77708

Address not found. ZIP Code results displayed.

Congressman Brian Babin
U.S. Congressional District 36

Representative Christian Manuel
Texas House District 22

Senator Robert Nichols
Texas Senate District 3

Ms. Julie Pickren
State Board of Education District 7

Senator John Cornyn
U.S. Senate

Senator Ted Cruz
U.S. Senate

TEXAS STATE DIRECTORY (/)

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Sen. Robert Nichols (R)

Back to Texas Senate (/online/txsenate/)

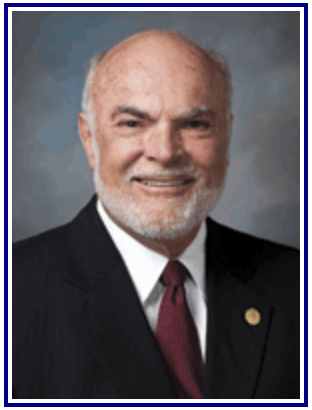
Last modified on: 01-11-2023 20:56:21

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

Entered Office: 01-09-2007
Term Ends: 01-2027
District: 3

General Information

Profession: Engineer
Home Town: Jacksonville
Birthdate: 11-25-1944
Spouse: Donna
Download vCard (/online/vcard/?id=28277&office=16701) (?(/online/aboutvcards/))



✚ Add to Favorites (/online/add_favorite/?name=Sen. Robert Nichols)

Personal Information

B.S. Engineering - Lamar University 1968

S-2007-present

Office Information

Dist. 3 - Anderson, Angelina, Cherokee, Hardin, Henderson, Houston, Jasper, Jefferson (76%), Liberty, Nacogdoches, Newton, Orange, Polk, Sabine, San Augustine, Shelby, Trinity, Tyler

Committees

Transportation-Chair (/online/sencom/detail.php?id=304); Business & Commerce (/online/sencom/detail.php?id=298); Finance (/online/sencom/detail.php?id=301); Local Government (/online/sencom/detail.php?id=305)

Contact and Phone Numbers

Capitol Office:
E1.704
Capitol Phone: (512) 463-0103
District Map (http://www.fyi.legis.texas.gov/fyiwebdocs/pdf/senate/dist3/m1.pdf)

robert.nichols@senate.texas.gov (mailto:robert.nichols@senate.texas.gov)

Jacksonville
329 Neches St.
Jacksonville, TX 75766
(903) 589-3003
(903) 589-0203

Lufkin
2915 Atkinson Dr.
Lufkin, TX 75901
(936) 699-4988
(936) 699-4991

Nacogdoches
202 E. Pillar, #309
Nacogdoches, TX 75961
(936) 564-4252
(936) 564-4276

Lumberton
769 S. Main St.
Suite 100
Lumberton, TX 77657
(409) 755-9893
(409) 755-9899

Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Angus Lupton (/online/person/?id=51458&staff=7384)	(512) 463-0103 / (512) 463-1526

Office	Office Holder	Phone / Fax
Legislative Director	Shelby Vestal (/online/person/?id=47662&staff=6813)	(512) 463-0103 / (512) 463-1526
Senior Policy Advisor	Jake Ellis (/online/person/?id=72335&staff=11103)	(512) 463-0103 / (512) 463-1526

Other Offices Held

Member, Texas Senate (?id=28277&office=3811) (Auditor's Office, State (/online/abc/detail.php?id=39))

Recent Searches

Helen Kerwin (TX House Representative) (/online/search/?tosearch=Helen+Kerwin+%28TX+House+Representative%29&searchcat=1)

Olin Joffrion (Mayor) (/online/search/?tosearch=Olin+Joffrion+%28Mayor%29&searchcat=1)

Rodger G. McLane (County Judge) (/online/search/?tosearch=Rodger+G.+McLane+%28County+Judge%29&searchcat=1)

My Favorites (/online/favorites/)

Cities (/online/city/?page=35)

Cities (/online/city/)

Counties (/online/county/?aid=m)

Helpful Links

Find My Incumbent (http://www.fyi.legis.state.tx.us/)

Capitol Maps (https://tspb.texas.gov/plan/maps/maps.html)

Bill Filings (http://www.legis.state.tx.us/)

Bill Search (http://www.legis.state.tx.us/Search/BillSearch.aspx)

Texas at Your Fingertips (https://texas.gov/)
State Symbols (https://www.thestoryoftexas.com/education/texas-symbols)
Governor Appointment (https://gov.texas.gov/news/category/appointment)
Addressing Procedures (https://lrl.texas.gov/genInfo/ContactLeg.cfm)

TEXAS STATE DIRECTORY (/)

Since 1935 the Texas State Directory has been a trusted resource and has been referred to as the bible for anyone working in or wanting to learn about state, city and county government.

Recent Searches

HELEN KERWIN (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?TOSEARCH=HELEN+KERWIN+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

OLIN JOFFRION (MAYOR) (/ONLINE/SEARCH/?TOSEARCH=OLIN+JOFFRION+%28MAYOR%29&SEARCHCAT=1)

RODGER G. MCLANE (COUNTY JUDGE) (/ONLINE/SEARCH/?TOSEARCH=RODGER+G.+MCLANE+%28COUNTY+JUDGE%29&SEARCHCAT=1)

JOANNE SHOFNER (TX HOUSE REPRESENTATIVE) (/ONLINE/SEARCH/?TOSEARCH=JOANNE+SHOFNER+%28TX+HOUSE+REPRESENTATIVE%29&SEARCHCAT=1)

BRYAN HUG (/ONLINE/SEARCH/?TOSEARCH=BRYAN+HUG&SEARCHCAT=1)

Useful Links

FIND MY INCUMBENT (HTTP://WWW.FYI.LEGIS.STATE.TX.US/) ›

CAPITOL MAPS (HTTPS://TSPB.TEXAS.GOV/PLAN/MAPS/MAPS.HTML) ›

BILL FILINGS (HTTP://WWW.LEGIS.STATE.TX.US/) ›

BILL SEARCH (HTTP://WWW.LEGIS.STATE.TX.US/SEARCH/BILLSEARCH.ASPX) ›

TEXAS AT YOUR FINGERTIPS (HTTPS://TEXAS.GOV/) ›

STATE SYMBOLS (HTTP://WWW.LEGIS.STATE.TX.US/RESOURCES/STATESYMBOLS.ASPX) ›

GOVERNOR APPOINTMENT (HTTPS://GOV.TEXAS.GOV/NEWS/CATEGORY/APPOINTMENT) ›

Contact Us

Texas State Directory Press
1800 Nueces St.
Austin, Texas 78701
(512) 473-2447
Contact Us (/contact/)

(https://www.facebook.com/Texas-State-Directory-142890752404984/) (https://twitter.com/TSDPress)

TEXAS STATE DIRECTORY (/)

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Rep. Christian Manuel (D)

Last modified on: 01-10-2025 23:25:46

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

Entered Office: 01-10-2023

District: 22

Back to Texas House of Representatives (/online/txhouse/)

General Information

Profession: State Employee
Home Town: Beaumont
Birthdate: 10-19-1985
Download vCard (/online/vcard/?id=69352&office=16735) (?(/online/aboutvcards/))

✚ Add to Favorites (/online/add_favorite/?name=Rep. Christian Manuel)

Personal Information

A.A.-Lamar University

H–2023 to present.

Office Information

Dist. 22 - Jefferson (73%)

Sens. Creighton, Nichols

Committees

Human Services-VC (/online/housecom/detail.php?id=274); Appropriations (/online/housecom/detail.php?id=256); Redistricting (/online/housecom/detail.php?id=488)

Contact and Phone Numbers

Capitol Office:
E2.412
Capitol Phone: (512) 463-0662
Zip Codes Within the District (https://fyi.capitol.texas.gov/fyiwebdocs/PDF/house/dist22/r9.pdf)
christian.manuel@house.texas.gov (mailto:christian.manuel@house.texas.gov)
District Map Download (http://www.fyi.legis.state.tx.us/fyiwebdocs/PDF/house/dist22/m1.pdf)

2300 HWY 365
Suite 360
Nederland, TX 77627
(409) 237-5190

Staff

Office	Office Holder	Phone / Fax
Chief of Staff	Victoria Flores (/online/person/?id=69901&staff=10376)	(512) 463-0662
Legislative Director	Rachel Quevedo (/online/person/?id=72498&staff=11266)	(512) 463-0662
District Administrator	Lorena Sanchez (/online/person/?id=70327&staff=10571)	(512) 463-0662

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Texas at Your Fingertips (https://texas.gov/)

State Symbols (https://www.thestoryoftexas.com/education/texas-symbols)

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RODGER G. MCLANE (COUNTY JUDGE) (/ONLINE/SEARCH/?TOSEARCH=RODGER+G.+MCLANE+%28COUNTY+JUDGE%29&SEARCHCAT=1)

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BRYAN HUG (/ONLINE/SEARCH/?TOSEARCH=BRYAN+HUG&SEARCHCAT=1)

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BILL SEARCH (HTTP://WWW.LEGIS.STATE.TX.US/SEARCH/BILLSEARCH.ASPX) ›

TEXAS AT YOUR FINGERTIPS (HTTPS://TEXAS.GOV/) ›

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GOVERNOR APPOINTMENT (HTTPS://GOV.TEXAS.GOV/NEWS/CATEGORY/APPOINTMENT) ›

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Austin, Texas 78701
(512) 473-2447
Contact Us (/contact/)

(https://www.facebook.com/Texas-State-Directory-142890752404984/) (https://twitter.com/TSDPress)

libraries.org

A directory of libraries throughout the world

R.C. Miller Memorial Library

Beaumont, TX

Address: 1605 Dowlen Road
Beaumont, **Texas**
77706-3324
United States

County: **Jefferson**

Region: **Houston Area**

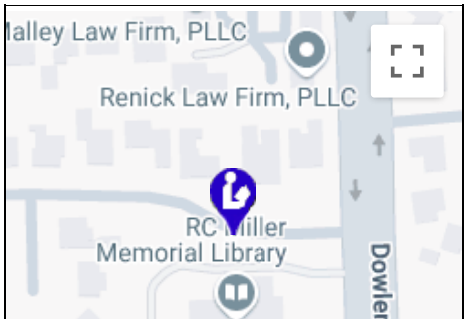
Phone: 409-866-9487

Connect to: **Library Web Site**✓ **Online Catalog**

Library details: **R.C. Miller Memorial Library** is a **Public** library.
This library is affiliated with **Beaumont Public Library System** (**view map**) .

Permalink: **https://librarytechnology.org/library/24479**
(Use this link to refer back to this listing.)

R.C. Miller Memorial Library



Organizational structure: This is a publicly funded and managed library.

See also: **Directory of Public Libraries in the United States**

See also: **Directory of Public Libraries in Texas**

Technology Profile		
	Product Name	**Year Contracted**
Current Automation System	**Horizon**	**2001**
Previous Automation System	**DRA**	1987

View Privacy and Security Report

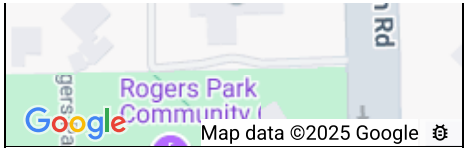
Automation Survey: We are conducting a study on the automation systems used in libraries. This survey should be completed by a person familiar with your libraries use of **Horizon**.

Respond to the 2024 Library Automation Perceptions Survey

Identifiers	
libraries.org ID	24479
NCES FSCSKEY	**TX0216**
NCES LIBID	30.51

Record History: This listing was created on Oct 6, 2005 and was last modified on Mar 26, 2023.

Updates: Corrections or Updates? Registered members of Library Technology Guides can submit updates to library listings in libraries.org. **Registration** is free and easy. Already registered? **login**. Or, you can report corrections just by sending a message to **Marshall Breeding**.



map location✓

Related Libraries

- Libraries located in **Beaumont** (Texas)
- Libraries located in **Jefferson** county (Texas)
- **View map of libraries in Jefferson County**
- **all Public libs in Texas**
- **United States**
- **Automation systems in Texas**

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This directory is a component of **Library Technology Guides**.

This entry is from the **Directory of Public Libraries in the United States**.

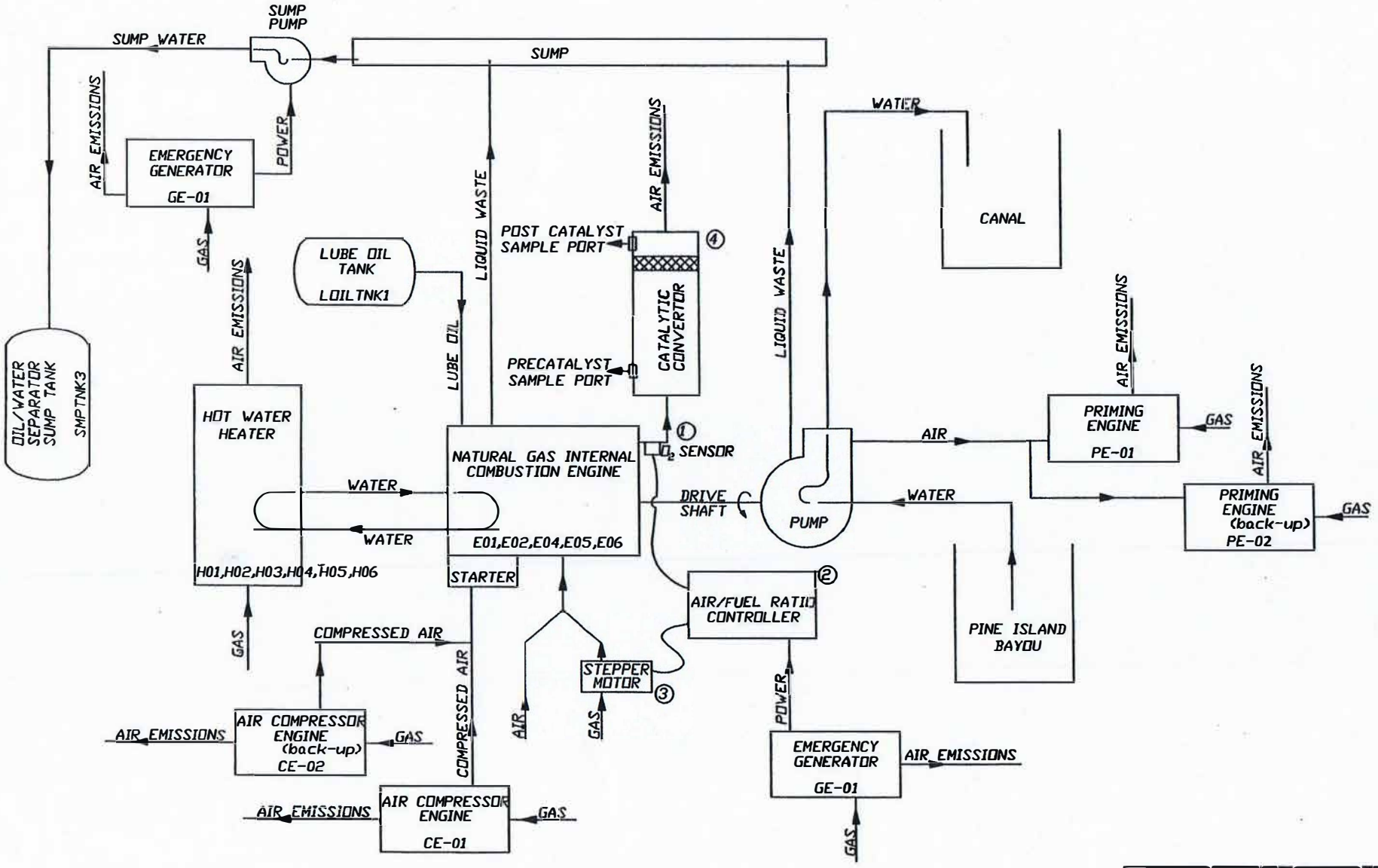
This entry is from the **Directory of Public Libraries in Texas** .

Please **contact Marshall Breeding** to report corrections about information listed for this library.

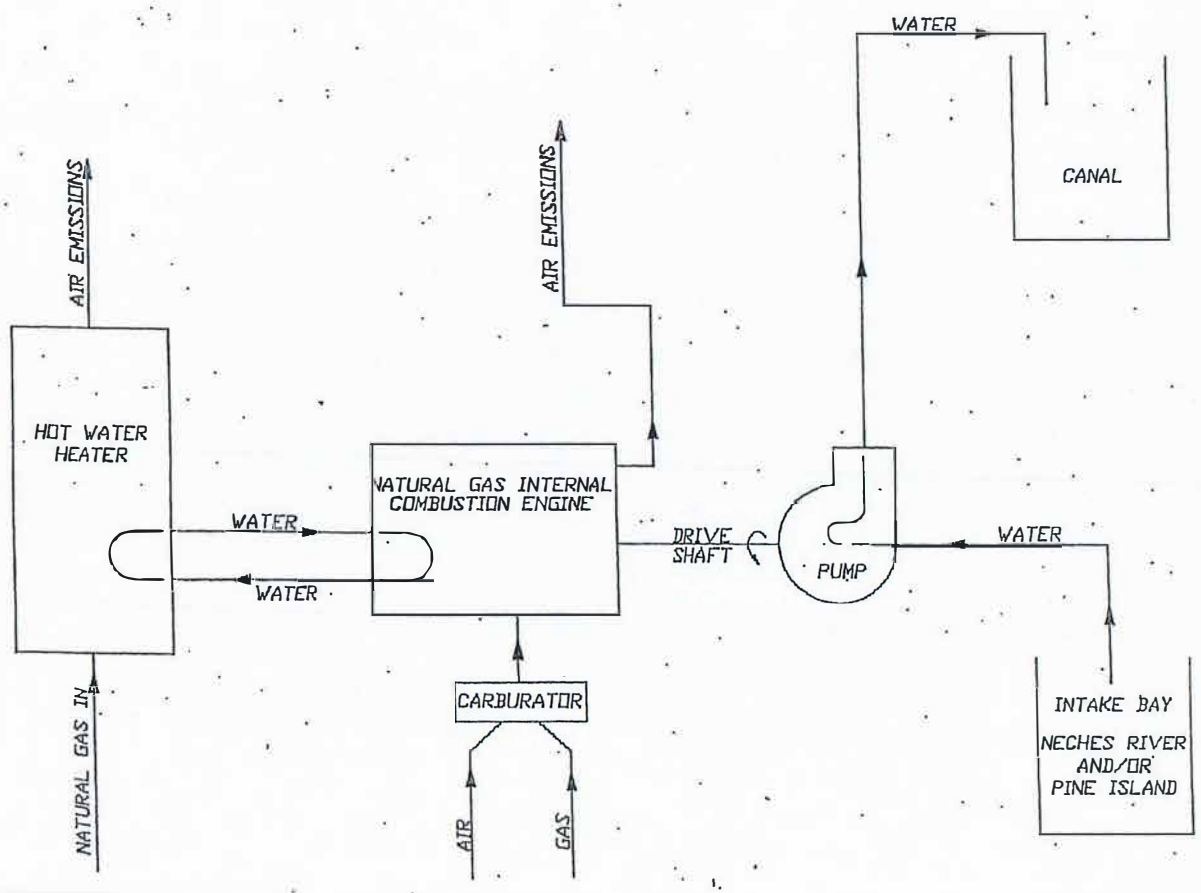
libraries.org | Update this Entry | Library Technology Guides

Maintained by **Marshall Breeding**

NECHES 1st PUMPING STATION
CONTROLLED
PROCESS FLOW DIAGRAM



NECHES 1ST PUMPING STATION
(UNCONTROLLED ENGINE: (E03)



PROCESS DESCRIPTION

LNVA pumps fresh water to various agricultural, industrial, and municipal clients via interconnected canals. Large internal combustion engines drive water pumps to lift water from a basin with a lower average elevation above sea level to a canal with a higher elevation. As water is pulled from the supply canals by LNVA clients, the lift stations replenish the canals with water.

Emissions from the large internal combustion engines (E01, E02, E04, E05 and E06) are controlled using Air-Fuel Ratio Controllers, and Non-Selective Reduction Catalysts. Emissions from E03 are controlled by limiting its run time hours. Several small engines are utilized in the startup procedures for the large engines. There are two compressor engines (CE-01 and CE-02) that compress air to start the large engines, as well as two priming engines (PE-01 and PE-02) that pull a vacuum on the large water pumps to prime them. An emergency generator, GE-01, powers the Air-Fuel Ratio Controllers in the and the sump pumps in the event of a power failure. There is a lube oil tank (LOILTNK1), and an oil/water separator tank (SMPTNK1). The lube oil tank stores oil to be used in the large engines, while the oil/water separator tank collects sump water obtained from the engines and pumps, and separates oil and water before the water is discharged into the local sewer system. There are two 1000 gallon tanks on site for diesel fuel (DIESELTNK1) and gasoline (GASTNK1) for emergency use. A 1000 gallon used oil storage tank (UOILTNK1) is being added to this renewal for storage of used oil from the engines for recycling. There are water heaters connected to each engine (H01, H02, H03, H04, H05, and H06) that keep the large engines warm during shutdown conditions.

Form OP-UA5 - Instructions
Process Heater/Furnace Attributes
Texas Commission on Environmental Quality

General:

This form is used to provide a description and data pertaining to all process heaters and furnaces with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a process heater and furnace, then it should be left blank and need not be submitted with the application. The following process heaters and furnaces are considered off-permit sources and do not need to be listed:

A. In counties affected by Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), water heaters, process heaters, and furnaces that do not fire liquid or solid fuel and have a maximum rated capacity less than 1.0 MMBtu/hr, unless the unit is placed in service after June 9, 1993, as a functionally identical replacement for existing units subject to the provisions 30 TAC Chapter 117, Subchapter B.

B. In counties not affected by 30 TAC Chapter 117, process heaters and furnaces with a heat input capacity less than or equal to 40 MMBtu/hr that do not fire liquid or solid fuel.

C. In counties not affected by 30 TAC Chapter 117, water heaters with a heat input capacity less than 10 MMBtu/hr and do not fire liquid or solid fuel.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

Tables 1a - 1c:	**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, for Process Heaters**
Table 2:	**Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112), Control of Air Pollution from Sulfur Compounds**
Tables 3a - 3b:	**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, for Furnaces**
Table 4:	**Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A, Division 2: Incineration**
Tables 5a - 5b:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**
Table 6a - 6g:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDDD: Industrial, Commercial, and Institutional Process Heaters**

The Texas Commission on Environmental Quality (TCEQ) regulated entity number (RNXXXXXXXXX) and the application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal.** If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal, and the regulated entity number.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required**. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency (EPA) Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) **requires** that a Core Data Form be submitted on **all** incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry.

Specific:

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, for Process Heaters**

★ **Complete only for sites that are major sources of NOx, as defined in 30 TAC § 117.10, and are located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur Eight-Hour, or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Unit Type:
Select one of the following types of units from the list below. Enter the code on the form.

Code	Description
PRHTR	Process Heater (in the Houston/Galveston/Brazoria ozone nonattainment area this code should not be used to describe pyrolysis reactors)
PYRO	Pyrolysis reactors
BIF	Designated as a Boiler or Industrial Furnace regulated as an existing facility by the EPA in Title 40 Code of Federal Regulations Part 266 (40 CFR Part 266), Subpart H (as was in effect on June 9, 1993)

▼ **Continue if:**

- **The "Unit Type" is "PRHTR;" or**
- **If the "Unit Type" is "PYRO" or "BIF" and the site is located in the Houston/Galveston/Brazoria ozone nonattainment area.**

Maximum Rated Capacity:
Select one of the following ranges for maximum rated capacity (MRC), as defined in 30 TAC Chapter 117. Enter the code on the form.

For units in SOP applications:

"Unit Type" is "PRHTR" and located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
40-	MRC is less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200+	MRC is greater than or equal to 200 MMBtu/hr

"Unit Type" is "PRHTR," "PYRO," or "BIF" and located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
2-	MRC is less than or equal to 2 MMBtu/hr
2-40	MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200+	MRC is greater than or equal to 200 MMBtu/hr

"Unit Type" is "PRHTR" and located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
5-	MRC is less than or equal to 5 MMBtu/hr
5-40	MRC is greater than 5 MMBtu/hr but less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100+	MRC is greater than or equal to 100 MMBtu/hr

For units in GOP applications:

Code	Description
G2-	MRC is less than or equal to 2 MMBtu/hr
G2-5	MRC is greater than 2 MMBtu/hr but less than or equal to 5 MMBtu/hr
G5-40	MRC is greater than 5 MMBtu/hr but less than 40 MMBtu/hr
G40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr

▼ **Do not continue if:**

- **The "Maximum Rated Capacity" is "2-" or "G2-;" or**
- **If the site is located in the Dallas/Fort Worth Eight- Hour ozone nonattainment area and "Maximum Rated Capacity" is "5-" or "G2-5;" or**
- **If the site is located in the Beaumont/Port Arthur ozone nonattainment area and "Unit Type" is "PRHTR" and "Maximum Rated Capacity" is "40-" or "G2-," "G2-5," or "G5-40."**

★ **Complete "RACT Date Placed in Service" only if the site is located in the Beaumont/Port Arthur ozone nonattainment area.**

RACT Date Placed in Service:
Select one of the following options for the date placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992, and on or before June 9, 1993
93-FCD	After June 9, 1993, and before the final compliance date specified in 30 TAC §§ 117.9000, 117.9010, 117.9020(1)
FCD+	After June 9, 1993, and on or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010, 117.9020(1)

★ **Complete "Functionally Identical Replacement" only if "RACT Date Placed in Service" is "93-FCD."**

Functionally Identical Replacement:
Select one of the following codes to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

▼ **Do not continue if located in the Beaumont/Port Arthur ozone nonattainment area and "RACT Date Placed in Service" is "93-FCD" and "Functionally Identical Replacement" is "NO," or "RACT Date Placed in Service" is "92-93" or "FCD+."**

Fuel Types:
Select one or more of the following options for fuel type(s) fired. Enter the code(s) on the form.

For units in SOP applications:

Code	Description
NG	Natural gas
GS	Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases (refinery gas or mixtures, etc.)
LFG	Landfill Gas
ORG	Renewable non-fossil fuel gas other than landfill gas
LQD	Liquid
WD	Wood
H50-A	Gaseous fuel containing more than 50% hydrogen (H2) by volume, over an annual basis, fuel gas sampled and analyzed every three hours
H50-8	Gaseous fuel containing more than 50% H2 by volume, over an eight-hour period, fuel gas sampled and analyzed every three hours
SLD	Solid fuel other than wood

For units in GOP applications:

Code	Description
NG	Natural gas (GOP applicants for GOPs 511, 512, 513, and 514 must select this option, other applicants may select this option)
GS	Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases (refinery gas or mixtures, etc.)
LFG	Landfill Gas
ORG	Renewable non-fossil fuel gas other than landfill gas

If a fuel-firing option consists of multiple fuel types being combusted simultaneously, enter the fuel type code for each fuel in a separate column on the same line, with a single SOP index number. If there are more than three fuels being combusted simultaneously, use multiple lines, and start each line with a different SOP index number. Start each additional fuel-firing option on a different line with a different SOP index number.

Example:	**SOP Index No.**		**Fuel Type(s)**	
Fuel-firing Option A:	R7ICI-1	GS	LQD	WD
Fuel-firing Option B:	R7ICI-2A	GS	LQD	WD
	R7ICI-2B	SLD		
Fuel-firing Option C:	R7ICI-3	LQD		

★ Complete "Annual Heat Input" only if "Unit Type" is "PRHTR" or "PYRO" or "BIF" and "Maximum Rated Capacity" is "40-100," "100-200," "100+" or "200+."

Annual Heat Input:
Select one of the following options for the annual heat input. Enter the code on the form.

"Unit Type" is "PRHTR," "PYRO," or "BIF" with a "Maximum Rated Capacity" designation of "40-100":

Code	Description
28-	Annual heat input is less than or equal to 2.8 (10^{11}) Btu/yr., based on rolling 12-month average (Low annual capacity factor heaters)
28+	Annual heat input is greater than 2.8 (10^{11}) Btu/yr., based on rolling 12-month average

"Unit Type" is "PRHTR," "PYRO," or "BIF" with a "Maximum Rated Capacity" designation of "100+", "100-200", or "200+":

Code	Description
22-	Annual heat input is less than or equal to 2.2 (10^{11}) Btu/yr., based on rolling 12-month average (Low annual capacity factor heaters)
22+	Annual heat input is greater than 2.2 (10^{11}) Btu/yr., based on rolling 12-month average

NOx Emission Limitation:
Title 30 TAC Chapter 117 provides options to be in compliance with the applicable limitation standards listed in 30 TAC Chapter 117, Subchapter B. Select one of the following options. Enter the code on the form.

For GOP applications:

Code	Description
103B	Title 30 TAC § 117.103(b)(1) exemption (for process heaters in the Beaumont/Port Arthur ozone nonattainment area potentially subject to RACT)
403B	Title 30 TAC § 117.403(b)(1) exemption (for process heaters in Wise County potentially subject to RACT)
103A	Title 30 TAC § 117.103(a)(2) exemption (use for process heaters, potentially subject to ESAD, located in the Beaumont/Port Arthur ozone nonattainment area and rated less than 40 MMBtu/hr)
103C	Title 30 TAC § 117.103(c) exemption (use for process heaters, potentially subject to ESAD located in the Beaumont/Port Arthur ozone nonattainment area rated greater than 40 MMBtu/hr and qualifies as a low annual capacity unit.)
110A	Title 30 TAC § 117.110(a)(2) (use for process heaters located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity unit. These units are subject to ESAD requirements)
310A	Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) [relating to mass emissions cap and trade in Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]
410A	Title 30 TAC § 117.410(a)(3) (use for units located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
405B	Title 30 TAC § 117.405(b)(1) (use for units located in Wise County)

For SOP applications:

For process heaters located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
105	Title 30 TAC § 117.105 (relating to Emission Specifications for Reasonably Available Control Technology)
110A	Title 30 TAC § 117.110(a) (use for process heaters located in the Beaumont/Port Arthur ozone nonattainment area and rated greater than 40 MMBtu/hr and does not qualify as a low annual capacity unit.)
APES	Unit is complying with an Alternative Plant-wide Emissions Specification under Title 30 TAC § 117.115
ACSS	Unit is complying with an Alternative Case-specific Specification under Title 30 TAC § 117.125
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.123

For PRHTR or PYRO or BIF units located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
310D	Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) [relating to mass emissions cap and trade in Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration]
ACF	Process heater is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a) (17)

For process heaters located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
410A	Title 30 TAC § 117.410(a)(3) (use for units located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area excluding Wise County)
405B	Title 30 TAC § 117.405(b)(1) (use for units located in Wise County)
ACF	Process heater is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.423

★ **Complete "Opt-in Unit" only if the site is located in the Beaumont-Port Arthur ozone nonattainment area and "Emission Limitation" from Table 1a is "APES" or "SC."**

Opt-in Unit:
Enter "YES" if the unit is an opt-in unit listed in 30 TAC § 117.115(f) that the owner or operator has chosen to include into the Plant-wide emission or Source Cap to comply with § 117.105 (for non-gas-fired process heaters). Otherwise, enter "NO."

★ **Complete "23C-OPTION" only if "NOx Emission Limitation" is "SC."**

23C-Option:
Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

Code	Description
23C-A	NOx, CO, O_2 (or CO_2) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C). (Must use for § 117.115(f) opt-in units in the Beaumont/Port Arthur ozone nonattainment area)

Table 1b: **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, Process Heaters**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Diluent CEMS:
Enter "YES" if the process heater operates with a carbon dioxide (CO_2) CEMS to monitor diluent. Otherwise, enter "NO."

★ **Complete "30 TAC Chapter 116 Limit" only if the site is located in the Beaumont/Port Arthur ozone nonattainment area.**

30 TAC Chapter 116 Limit:
Select one of the following descriptions of the 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	Nitrogen oxides (NOx) emission limit in 30 TAC § 117.105 is greater than the NOx emission limit in a 30 TAC Chapter 116 permit
93N	NOx emission limit in 30 TAC § 117.105 is not greater than the NOx emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993, and prior to the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020, as functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC § 117.105 is greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC § 117.105, is not greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

For existing units without a 30 TAC Chapter 116 permit in effect on June 9, 1993, or for units placed in service after the final compliance date of 30 TAC §§ 117.9000, 117.9010 or 117.9020 as a functionally identical replacement for an existing unit or group of units and limited to the cumulative MRC of the units replaced:

Code	Description
N/A	NOx emission limit in 30 TAC § 117.105 applies for purposes of 30 TAC Chapter 117

NOx Emission Limit Basis:
Select one of the following options for complying with the nitrogen oxides (NOx) emission limit. Enter the code on the form.

Code	Description
30DAY	Complying with the applicable emission limit in lb/MMBtu on a rolling 30-day average
BLK1-LB	Complying with the applicable emission limit using a block one-hour average
OTHER	Other emission limit basis

NOx Reduction:
Select one of the following NOx reduction options. Enter the code on the form.

Code	Description
FRCFG	Forced flue gas recirculation
INDFG	Induced flue gas recirculation
WATER	Water or steam injection
POST1	Post combustion control technique with ammonia or urea injection
POST2	Post combustion control technique with chemical reagent injection other than ammonia or urea
OTHER	Other NOx reduction method
NONE	No NOx reduction

★ **Complete "Common Stack Combined" only if the unit is located in the Beaumont/Port Arthur ozone nonattainment area**

Common Stack Combined:
Enter "YES" if the unit is vented through a common stack; the total rated heat input from combined units is greater than or equal to 250 MMBtu/hr: and the annual combined heat input is greater than 2.2 (10^{11}) Btu/yr. Otherwise, enter "NO."

★ **Complete "Fuel Type Heat Input" only if "NOx Emission Limitation" is "APES" (Beaumont/Port Arthur ozone nonattainment area).**

Fuel Type Heat Input:
Select one of the following options for the fuel type heat input. Enter the code on the form.

Code	Description
GAS50	Process heater is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from gaseous fuel
LIQ50	Process heater is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from liquid fuel
SLDCOMBO	Process heater is fired with a combination of either gaseous and solid fuels or of liquid and solid fuels
NONE	Process heater is not fired with any of the above combinations

Note: Process heaters that derive exactly 50% annual heat input from gaseous fuel and 50% from liquid fuel may choose either GAS50 or LIQ50.

NOx Monitoring System:
Select the appropriate code to indicate the type of monitoring used. Enter the code on the form.

For units without a monitoring system:

Code	Description
MERT	Maximum emission rate testing [in accordance with 30 TAC § 117.8000]

For all other units:

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
75ARCCEMS	Continuous emissions monitoring system, used to comply with Title 40 Code of Federal Regulations Part 75 (40 CFR Part 75) (pertaining to Acid Rain)
75ARPPEMS	Predictive emissions monitoring system, used to comply with 40 CFR Part 75 (pertaining to Acid Rain)

Table 1c: **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, Process Heaters**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Fuel Flow Monitoring:
Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

Code	Description
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NOx and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A)
X40A2-B	Unit vents to a common stack with a NOx and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a)(2)(B) or 117.440(a)(2)(B)

★ **Do not complete "CO Emission Limitation" or "CO Monitoring System" if "Unit Type" is "BIF" and "NOx Emission Limitation" is "310D."**

CO Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For process heaters located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
105F	Title 30 TAC § 117.105(f) [relating to Emission Specifications for Reasonably Available Control Technology] (use for units subject to RACT in the Beaumont/Port Arthur ozone nonattainment area)
110C	Title 30 TAC § 117.110(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for units subject to ESAD requirements in the Beaumont/Port Arthur ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a)

For PRHTR or PYRO or BIF units located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CPPMV	Title 30 TAC § 117.310(c)(1) 775 ppmv option for wood-fuel-fired process heaters
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For process heaters located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for units subject to ESAD requirements in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
405D	Title 30 TAC § 117.405(d)(1) (use for units subject to Reasonably Available Control Technology (RACT) requirements in Wise County in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425(a)

CO Monitoring System:
Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
OTHER	Other than CEMS or PEMS

★ **Complete "NH3 Emission Limitation" only if "NOx Reduction" is "POST1."**

NH3 Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH3 emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For process heaters located in the Beaumont/Port Arthur ozone nonattainment area:

Code	Description
105G	Title 30 TAC § 117.105(g) [relating to Emission Specifications for Reasonably Available Control Technology]
110C	Title 30 TAC § 117.110(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a)

For PRHTR or PYRO or BIF units located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.325(a)

For process heaters located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(2) [use for units subject to Reasonably Available Control Technology (RACT) requirements in Wise County in the Dallas/Fort Worth Eight-Hour ozone nonattainment area]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.425

★ **Complete "NH3 Monitoring" only if "NOx Reduction" is "POST1."**

NH3 Monitoring:
Select one of the following options to indicate how the unit is monitored for NH3 emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112) Control of Air Pollution from Sulfur Compounds

★ **Complete for SOP applications and Municipal Solid Waste Landfill (MSWL) GOP applications only.**

★ **Complete only for liquid fuel-fired heaters or furnaces.**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Effective Stack Height:
Enter "YES" if the effective stack height is less than the standard effective stack height. Otherwise, enter "NO."

Emission Point ID No.:
Enter the identification number (ID No.) of the emission point(s) (maximum 10 characters) to which the process heater or furnace routes emissions. This number should be consistent with the unit identification number listed on Form OP-SUM.

Table 3a: **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, Furnaces**

★ **Complete only for sites that are major sources of NOx, as defined in 30 TAC § 117.10, and are located in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.**

Note: The Dallas/Fort Worth Eight-Hour ozone nonattainment area consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant counties.

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Unit Type:
Select one of the following types of units from the list below. Enter the code on the form.

For units located in the Houston/Galveston/Brazoria ozone nonattainment area:

Code	Description
HTFUR	Metallurgical heat treating furnace
RHFUR	Metallurgical reheat furnace
PLRF	Pulping liquor recovery furnace
INDFUR	Industrial Furnace - Regulated as an existing facility by the EPA in Title 40 Code of Federal Regulations Part 266 (40 CFR Part 266), Subpart H (as was in effect on June 9, 1993)
OTHER	Molten sulfur oxidation furnace or other furnace not listed above

For units located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area:

Code	Description
EARC	Electric arc melting furnace used in steel production
HTFUR	Metallurgical heat treating furnace
RHFUR	Metallurgical reheat furnace
LSCO	Lead smelting blast (cupola) and reverberatory furnaces used in conjunction
GLASS	Container glass melting furnaces
MWCOLD	Mineral wool-type cold-top electric fiberglass melting furnaces
MWREGEN	Mineral wool-type fiberglass regenerative furnaces
MWNON	Mineral wool-type fiberglass non-regenerative gas-fired furnaces
INDFUR	Industrial Furnace - Regulated as an existing facility by the EPA in Title 40 Code of Federal Regulations Part 266 (40 CFR Part 266), Subpart H (as was in effect on June 9, 1993)
PLRFOTHER	Pulping liquor recovery furnace, molten sulfur oxidation furnace or other furnace not listed above

Maximum Rated Capacity:
Select one of the following ranges for maximum rated capacity (MRC), as defined in 30 TAC Chapter 117. Enter the code on the form.

Code	Description
2-	MRC is less than or equal to 2 MMBtu/hr
2-20	MRC is greater than 2 MMBtu/hr but less than 20 MMBtu/hr
20-40	MRC is greater than 20 MMBtu/hr but less than 40 MMBtu/hr
40-100	MRC is greater than or equal to 40 MMBtu/hr but less than 100 MMBtu/hr
100-200	MRC is greater than or equal to 100 MMBtu/hr but less than 200 MMBtu/hr
200+	MRC is greater than or equal to 200 MMBtu/hr

▼ **Do not continue if:**
- **The "Unit Type" is "OTHER;" or**
- **If the "Unit Type" is "HTFUR" or "RHFUR" and "Maximum Rated Capacity" is "2-" or "2-20."**

▼ **Do not continue if:**
- **The site is located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area and "Unit Type" is "EARC," "PLRFOTHER," or "INDFUR;" or**
- **If the "Unit Type" is "GLASS," "MWCOLD," "MWREGEN" or "MWNON" and "Maximum Rated Capacity" is "2".**

NOx Emission Limitation:
Title 30 TAC Chapter 117 provides options to be in compliance with the applicable limitation standards listed in 30 TAC Chapter 117, Subchapter B. Select one of the following options. Enter the code on the form.

Code	Description
310A	Title 30 TAC § 117.310(a) (use for units located in the Houston/Galveston ozone nonattainment area.)
410A	Title 30 TAC § 117.410(a)(8) or (a)(10) (use for units located in the Dallas/Fort Worth Eight Hour ozone nonattainment area)
ACF	Furnace is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17) or Title 30 TAC § 117.410(a)(14)
SC	Unit is complying with a Source Cap under Title 30 TAC § 117.423(a) (use for units located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)

★ **Complete "23C-Option" only if "NOx Emission Limitation" is "SC."**

23C-Option:
Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

Code	Description
23C-A	NOx, CO, O_2 (or CO_2) CEMS and a totalizing fuel flow meter per § 17.423(c)(1)(A)
23C-B	PEMS and a totalizing fuel flow meter per § 117.423(c)(1)(B)
23C-C	Rate measured by hourly emission rate testing per or § 117.423(c)(1)(C)

NOx Emission Limit Basis:
Select one of the following options for complying with the nitrogen oxides (NOx) emission limit. Enter the code on the form.

Code	Description
30DAY	Complying with the applicable emission limit in lb/MMBtu on a rolling 30-day average
BLK1-LB	Complying with the applicable emission limit in lb/hr using a block one-hour average
OTHER	Other emission limit basis

NOx Reduction:
Select one of the following NOx reduction options. Enter the code on the form.

Code	Description
WATER	Water or steam injection
POST1	Post combustion control technique with ammonia or urea injection
POST2	Post combustion control technique with chemical reagent injection other than ammonia or urea
OTHER	Other NOx reduction method
NONE	No NOx reduction

NOx Monitoring System:
Select the appropriate code to indicate the type of monitoring used. Enter the code on the form.

For units without a monitoring system:

Code	Description
MERT	Maximum emission rate testing [in accordance with 30 TAC § 117.8000]

For all other units:

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
75ARCCEMS	Continuous emissions monitoring system, used to comply with Title 40 Code of Federal Regulations Part 75 (40 CFR Part 75) (pertaining to Acid Rain)
75ARPPEMS	Predictive emissions monitoring system, used to comply with 40 CFR Part 75 (pertaining to Acid Rain)

Table 3b: **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, Furnaces**

★ **Complete only for sites that are major sources of NOx, as defined in 30 TAC § 117.10, and are located in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour ozone nonattainment areas.**

Note: The Dallas/Fort Worth Eight-Hour ozone nonattainment area consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant counties.

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Fuel Flow Monitoring:
Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

Code	Description
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NOx and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.340(a)(2)(A) or 117.440(a)(2)(A)
X40A2-B	Unit vents to a common stack with a NOx and diluent CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.340(a)(2)(B) or 117.440(a)(2)(B)

CO Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

Code	Description
310C	Title 30 TAC § 117.310(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for units in the Houston/Galveston/Brazoria ozone nonattainment area)
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Attainment Demonstration] (use for units requirements in the Dallas/Fort Worth Eight-Hour ozone nonattainment area)
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC §§ 117.325(a) or 117.425(a)

CO Monitoring System:
Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
OTHER	Other than CEMS or PEMS

▼ **Continue only if "NOx Reduction" is "POST1."**

NH3 Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH3 emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

Code	Description
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under Title 30 TAC §§ 117.325 or 117.425

NH3 Monitoring:
Select one of the following options to indicate how the unit is monitored for NH3 emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

Table 4: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111), Subchapter A, Division 2: Incineration

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Hazardous Waste:
Enter "YES" if the unit combusts hazardous waste as a fuel for energy recovery and the facility accepts hazardous waste as a fuel from off-site sources which involves a commercial transaction or a change of ownership of the waste and the facility is not regulated at 40 CFR Part 264 or 265, Subpart O. Otherwise, enter "NO".

▼ **Continue only if "Hazardous Waste" is "YES."**

Monitor:
Enter "YES" if the unit has a continuous opacity or carbon monoxide monitor (or equivalent). Otherwise, enter "NO."

Table 5a: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**

★ **Complete this table for HCl production furnaces that burn hazardous waste, and are located at an area source or a major source, and do not meet the criteria in Table 1 of § 63.1200(b)**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Existing Source:
Enter "YES" if the furnace is an existing source (construction or reconstruction commenced on or before April 20, 2004). Otherwise, enter "NO."

Area Source:
Enter "YES" if the furnace is an area source as defined under § 63.2. Otherwise, enter "NO."

★ **Complete "Elective Standards" only if "Area Source" is "YES."**

Elective Standards:
Enter "YES" if the area source is electing to comply with § 63.1218 per § 266.100(b)(3). Otherwise, enter "NO."

DIOXIN/FURAN Standard:
Select one of the following options. Enter the code on the form.

Code	Description
CO-1	Complying with the CO standard in § 63.1218(a)(1) or (b)(1)
THC-1	Complying with the THC standard in § 63.1218(a)(1) or (b)(1)

CO/THC Standard:
Select one of the following options. Enter the code on the form.

Code	Description
CO-5	Complying with the CO standard in § 63.1218(a)(5)(i) or (b)(5)(i)
THC-5	Complying with the THC standard in § 63.1218(a)(5)(ii) or (b)(5)(ii)

TOT-Cl Standard:
Select one of the following options. Enter the code on the form.

Code	Description
PPMV-6	Complying with the 25 ppmv standard in § 63.1218(a)(6)(i) or (b)(6)(i)
SRE-6	Complying with the system removal efficiency (SRE) standard in § 63.1218(a)(6)(ii) or (b)(6)(ii)

Table 5b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart EEE: Hazardous Waste Combustors**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Baghouse:
Enter "YES" if the furnace is equipped with a baghouse. Otherwise, enter "NO."

★ **Complete "PM Detection" only if "Baghouse" is "YES."**

PM Detection:
Enter "YES" if a PM detection system is used. Otherwise, enter "NO."

Dioxin-Listed:
Enter "YES" if the furnace burns the dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027. Otherwise, enter "NO."

DRE Previous Test:
Enter "YES" if previous testing was used to document conformance with the DRE standard. Otherwise, enter "NO."

★ **Complete "Feed Zone" only if "DRE Previous Test" is "YES."**

Feed Zone:
Enter "YES" if the source feeds waste at a location other than the normal flame zone. Otherwise, enter "NO."

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

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Commence:
Select one of the following construction date options for the source. Enter the code on the form.

Code	Description
NEW	Source is new (commenced construction after June 4, 2010)
RECON	Source is reconstructed (commenced reconstruction after June 4, 2010)
EXIST	Source is existing (commenced construction or reconstruction on or before June 4, 2010)

Table Applicability:
Select one of the following options that describes the applicability of emission limitations in §63.7500(a)(1)-Tables 1 or 2. Enter the code on the form.

Code	Description
SFF10	The unit burns coal/solid fossil fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
BM10	The unit burns biomass/bio-based solid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
HLIQ10	The unit burns heavy liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
LLIQ10	The unit burns light liquid fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
GAS210	The unit burns Gas 2 fuel AND has heat input equal to or greater than 10 MMBtu/hr (subject to emission limits in Table 1 or 2)
T3.1LTD	The unit qualifies as a limited use boiler or process heater as defined in §63.7575 (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1TS	The unit is designed to utilize a continuous oxygen trim system (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1G2	The unit is designed to burn Gas 2 fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)
T3.1LL	The unit is designed to burn light liquid fuel AND has heat input equal to or less than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.1)

T3.2G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2G2	The unit is designed to burn Gas 2 fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2LL	The unit is designed to burn light liquid fuel AND has heat input less than 10 MMBtu/hr but greater than 5 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)T3.2HL The unit is designed to burn heavy liquid fuel AND has heat input less than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.2S	The unit is designed to burn solid fuel AND has heat input less 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.2)
T3.3G1	The unit is designed to burn Gas 1 fuel AND has no continuous oxygen trim AND has heat input equal to or greater than 10 MMBtu/hr (not subject to Table 1 or 2 emission limits but must comply with work practice standards in §63.7500(a)(1)-Table 3.3)

▼ **Continue only if "Table Applicability" is "SFF10", "BM10", "HLIQ10", "LLIQ10", or "GAS210."**

HCl Emission:
Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HCL	Emission limits for HCl in pounds per MMBtu heat input
STM-HCL	Emission limits for HCl in pounds per MMBtu steam output (for steam generating units only)
MWH-HCL	Emission limits for HCl in pounds per MWh power output (for boilers that generate electricity only)

HCl-CMS:
Select one of the following hydrogen chloride continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HCL-CEMS	An HCl CEMS is used
SO2-CEMS	An SO_2 CEMS is used

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

★ **Complete this table only if "HCl-CMS" is "NONE."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

HCl-CD:
Select one of the following hydrogen chloride control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
PWS-PH	A particulate wet scrubber with pH effluent operating limit
OTHER	Other control methods are being used
NONE	A control device is not used

HCl-Test:
Select one of the following hydrogen chloride performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for HCl
NPT	A performance test is not being used

HCl-FA:
Select one of the following hydrogen chloride fuel analysis options. Enter the code on the form.

Code	Description
FA	Compliance is demonstrated by conducting fuel analysis for HCl
NFA	Fuel analysis is not being used

HCl-FloMon:
Select one of the following hydrogen chloride flow monitoring system options. Enter the code on the form.

Code	Description
FMS	Operating limit requires a flow monitoring system for HCl
NFMS	Flow monitoring system is not required for HCl

HCl-pHMon:
Select one of the following hydrogen chloride pH monitoring system options. Enter the code on the form.

Code	Description
PHMON	Operating limit requires a pH monitoring system for HCl
NPH	A pH monitoring system is not required for HCl

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

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Hg Emission:
Select one of the following hydrogen chloride emission limit options. Enter the code on the form.

Code	Description
BTU-HG	Emission limits for Hg in pounds per MMBtu heat input
STM-HG	Emission limits for Hg in pounds per MMBtu steam output (for steam generating units only)
MWH-HG	Emission limits for Hg in pounds per MWh power output (for boilers that generate electricity only)

Hg-InjRate:
Enter "YES" if an operating limit requires a monitoring system to measure sorbent injection rate for Hg. Otherwise, enter "NO."

Hg-CMS:
Select one of the following mercury continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
NONE	A CMS is not being used
HG-CEMS	An Hg CEMS is used
HGCMS	A CMS other than an Hg CEMS is used

▼ **Continue on Table 6c only if "Hg-CMS" is "NONE". If "Hg-CMS" is HG-CEMS" or "HGCMS," skip to Table 6d.**

Hg-CD:
Select one of the following mercury control device options. Enter the code on the form.

Code	Description
DS	Dry scrubber is being used
WAS	A wet acid scrubber is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ACI	Activated carbon injection is used
OTHER	Other control methods are being used
NONE	A control device is not used

Hg-Test:
Select one of the following Hg performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for Hg.
NPT	A performance test is not being used.

Hg-FA:
Select one of the following Hg fuel analysis options. Enter the code on the form.

Code	Description
HGFA	Compliance is demonstrated by conducting fuel analysis for Hg.
NFA	Fuel analysis is not being used.

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

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "BM Subcategory" only if "Table Applicability" is "BM10."**

BM Subcategory:
Select one of the following options that describes subcategory of the boiler or process heater as listed in §63.7499. Enter the code on the form.

Code	Description
7499(I)	The unit is a stoker/sloped grate/other unit designed to burn wet biomass/bio-based solid
7499(D)	The unit is a stoker/sloped grate/other unit designed to burn kiln dried biomass/bio-based solid
7499(E)	The unit is a fluidized bed designed to burn biomass/bio-based solid
7499(F)	The unit is a suspension burner designed to burn biomass/bio-based solid
7499(J)	The unit is a Dutch oven/pile burner designed to burn biomass/bio-based solid
7499(G)	The unit is a fuel cell designed to burn biomass/bio-based solid
7499(H)	The unit is a hybrid suspension/grate burner designed to burn wet biomass/bio-based solid

PM/TSM Emission:
Select one of the following particulate matter or total selected metals emission limit options. Enter the code on the form.

Code	Description
BTU-PM	Emission limits for PM in pounds per MMBtu heat input
BTU-TSM	Emission limits for TSM in pounds per MMBtu heat input
STM-PM	Emission limits for PM in pounds per MMBtu steam output (for steam generating units only)
STM-TSM	Emission limits for TSM in pounds per MMBtu steam output (for steam generating units only)
MWH-PM	Emission limits for PM in pounds per MWh power output (for boilers that generate electricity only)
MWH-TSM	Emission limits for TSM in pounds per MWh power output (for boilers that generate electricity only)

▼ **Continue on Table 6d only if "PM/TSM-Emission" is "BTU-TSM", "STM-TSM", or "MWH-TSM.". If "PM/TSM Emission" is "BTU-PM," "STM-PM," or "MWH-PM," skip to Table 6e.**

TSM-CMS:
Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
TSMCEMS	TSM CEMS is used
TSMCMS	TSM CMS other than a TSM CEMS is used
NONE	CMS is not being used

▼ **Continue on Table 6d only if "TSM-CMS" is "NONE". If "TSM-CMS" is "TSMCEMS" or "TSMCMS," skip to Table 6e.**

TSM-Test:
Select one of the following TSM performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for TSM
NPT	A performance test is not being used

TSM-FA:
Select one of the following TSM fuel analysis options. Enter the code on the form.

Code	Description
FA	Compliance is demonstrated by conducting fuel analysis for TSM
NFA	Fuel analysis is not being used

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

★ **Complete this table only if "only if "PM/TSM Emission" is "BTU-PM," "STM-PM," or "MWH-PM."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "PM-250" only if "Table Applicability" is "SFF10" or "HLL10."**

PM-250:
Select one of the following options for the average annual heat input. Enter the code on the form.

Code	Description
250+	Average annual heat input rate is greater than 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel
250-	Average annual heat input rate is less than or equal to 250 MMBtu per hour from solid fossil fuel and/or heavy liquid fuel

PM-CMS:
Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
PMCEMS	PM CEMS is used
PMCMS	PM CMS other than a PM CEMS is used
PMCPMS	PM CPMS is used to monitor a PM control device
NONE	CMS is not being used. (not a valid entry if "PM-250" is "250+")

▼ **Continue on Table 6e only if "PM-CMS" is "NONE" or "PMCMS". If "PM-CMS" is "PMCEMS" or "PMCPMS," skip to Table 6f.**

PM-CD:
Select one of the following PM control device options. Enter the code on the form.

Code	Description
BLD	A Fabric Filter with a bag leak detection system is used
WS	A Wet Scrubber is used
ESP-WS	An Electrostatic Precipitator with a Wet Scrubber is used
OTHER	Other control methods are being used
NONE	A control device is not used

PM-Test:
Select one of the following PM performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for PM
NPT	A performance test is not being used

PM-FM:
Select one of the following flow monitoring options. Enter the code on the form.

Code	Description
FM	Operating limit requires the use of a flow monitoring system
NFM	A flow monitoring system is not required

PM-PMON:
Select one of the following pressure monitoring system options. Enter the code on the form.

Code	Description
PMON	Operating limit requires the use of a pressure monitoring system
NO	A pressure monitoring system is not required

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

★ **Complete this table only if "TSM-CMS" is "NONE" or "PM-CMS" is PMCMS" or "NONE."**

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Opacity-CD:
Select one of the following control device options. Enter the code on the form.

Code	Description
BLD	A fabric filter with a bag leak detection system is used
FF	A fabric filter without a bag leak detection system is used
ESP-WS	An electrostatic precipitator with a wet scrubber is used
ESP	An electrostatic precipitator without a wet scrubber is used
DRY	A dry control system is used
OTHER	Other control methods are being used
NONE	A control device is not used

▼ **Continue on Table 6f only if "Opacity-CD" is "FF", "ESP", or "DRY." If "Opacity-CD" is "BLD," "ESP-WS," "OTHER," or "NONE," skip to Table 6g.**

COMS:
Select one of the following continuous opacity monitoring options. Enter the code on the form.

Code	Description
COMS	A continuous opacity monitoring system is used
NOCOMS	A continuous opacity monitoring system is not used

▼ **Continue on Table 6f only if "COMS" is "NOCOMS." If "COMS" is "COMS," skip to Table 6g.**

OPT-Test:
Select one of the following opacity performance test options. Enter the code on the form.

Code	Description
OPT	Compliance is demonstrated by conducting a performance test for opacity
NPTO	A performance test is not being used

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

Unit ID No.:
Enter the identification number (ID No.) for the unit (maximum 10 characters) as listed on Form OP SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "SFF Subcategory" only if "Table Applicability" is "SFF10."**

SFF Subcategory:
Select one of the following options that describes subcategory of the boiler or process heater as listed in § 63.7499. Enter the code on the form

Code	Description
7499(A)	The unit is a pulverized coal/solid fossil fuel unit
7499(B)	The unit is a stoker designed to burn coal/solid fossil fuel
7499(C)	The unit is a fluidized bed unit designed to burn coal/solid fossil fuel (without integrated heat exchanger)
7499(S)	The unit is a fluidized bed unit with an integrated fluidized bed heat exchanger designed to burn coal/solid fossil fuel
SUBNA	The unit is not part of the subcategories in § 63.7499(a), (b), (c) or (s)

CO Emission:
Select one of the following CO emission limit options. Enter the code on the form

Code	Description
PPM-CO	Emission limits for CO in ppm by volume not using a CEMS (valid code only if "Table Applicability" is "SFF10" or if "BM Subcategory" is ""7499(I)", "7499(E)", "7499(F)", "7499(J)" or "7944(H)"
CEM-CO	Emission limits for CO in ppm by volume using a CEMS (valid code only if "Table Applicability" is "SFF10" or if "BM Subcategory" is ""7499(I)", "7499(E), "7499(F)", "7499(J)", or "7944(H)"
PPM	Emission limits for CO in ppm by volume (valid code only if "Table Applicability" is "HLIQ10" or "LLIQ10", or "GAS2" or "BM Subcategory" is ""7499(D)", or "7499(G)"
STM-CO	Emission limits for CO in pounds per MMBtu steam output (for steam generating units only).
MWH-CO	Emission limits for CO in pounds per MWh power output (for boilers that generate electricity only)

▼ **Continue only if "CO Emission" is "PPM-CO," "PPM," "STM-CO," or "MWH-CO."**

CO-CMS:
Select one of the following continuous monitoring system (CMS) options. Enter the code on the form.

Code	Description
COCMS	CO CMS is used
NONE	CMS is not being used

CO-Test:
Select one of the following CO performance test options. Enter the code on the form.

Code	Description
PT	Compliance is demonstrated by conducting a performance test for CO
NPT	A performance test is not being used

Process Heater/Furnace Attributes
Form OP-UA5 (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, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)			Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
H-01	R7201-GRPHTRS	PRHTR	40-									
H-02	R7201-GRPHTRS	PRHTR	40-									
H-03	R7201-GRPHTRS	PRHTR	40-									
H-04	R7201-GRPHTRS	PRHTR	40-									
H-05	R7201-GRPHTRS	PRHTR	40-									
H-06	R7201-GRPHTRS	PRHTR	40-									
H-30	R7201-GRPHTRS	PRHTR	40-									

Process Heater/Furnace Attributes
Form OP-UA5 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NOx Emission Limit Basis	NOx Reduction	Common Stack Combined	Fuel Type Heat Input	NOx Monitoring System

Process Heater/Furnace Attributes
Form OP-UA5 (Page 3)
Federal Operating Permit Program
Table 1c: 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, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring

Process Heater/Furnace Attributes
Form OP-UA5 (Page 4)
Federal Operating Permit Program
Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Effective Stack Height	Emission Point ID No.

Process Heater/Furnace Attributes
Form OP-UA5 (Page 5)
Federal Operating Permit Program
Table 3a: 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, Furnaces
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	NOx Emission Limitation	23C-Option	NOx Emission Limit Basis	NOx Reduction	NOx Monitoring System

Process Heater/Furnace Attributes
Form OP-UA5 (Page 6)
Federal Operating Permit Program
Table 3b: 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, Furnaces
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring

Process Heater/Furnace Attributes
Form OP-UA5 (Page 7)
Federal Operating Permit Program
Table 4: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A, Division 2: Incineration
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Hazardous Waste	Monitor

Process Heater/Furnace Attributes
Form OP-UA5 (Page 8)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standard	CO/THC Standard	TOT-Cl Standard

Process Heater/Furnace Attributes
Form OP-UA5 (Page 9)
Federal Operating Permit Program
Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEE: Hazardous Waste Combustors
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Baghouse	PM Detection	Dioxin-Listed	DRE Previous Test	Feed Zone

Process Heater/Furnace Attributes
Form OP-UA5 (Page 10)
Federal Operating Permit Program
Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS

Process Heater/Furnace Attributes
Form OP-UA5 (Page 11)
Federal Operating Permit Program
Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	HCl-CD	HCl-Test	HCl-FA	HCl-FloMon	HCl-pHMon

Process Heater/Furnace Attributes
Form OP-UA5 (Page 12)
Federal Operating Permit Program
Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Hg Emission	Hg-InjRate	Hg-CMS	Hg-CD	Hg-Test	Hg-FA

Process Heater/Furnace Attributes
Form OP-UA5 (Page 13)
Federal Operating Permit Program
Table 6d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	BM Subcategory	PM/TSM Emission	TSM-CMS	TSM-Test	TSM-FA

Process Heater/Furnace Attributes
Form OP-UA5 (Page 14)
Federal Operating Permit Program
Table 6e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	PM-250	PM-CMS	PM-CD	PM-Test	PM-FM	PM-PMON

Process Heater/Furnace Attributes
Form OP-UA5 (Page 15)
Federal Operating Permit Program
Table 6f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Opacity-CD	COMS	OPT-Test

Process Heater/Furnace Attributes
Form OP-UA5 (Page 16)
Federal Operating Permit Program
Table 6g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	SFF Subcategory	CO Emission	CO-CMS	CO-Test

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 1)
Federal Operating Permit Program
Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Storage Capacity	Product Stored	True Vapor Pressure	Storage Vessel Description	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.
LOILTNK1	60K-LOILTNK1	73-								

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 2)
Federal Operating Permit Program
Table 2: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	True Vapor Pressure	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.

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.

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.

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.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
LOILTNK1	LOILTNK1	NO		VOC1	A1K-25K			
DIESELTNK1	DIESELTNK1	NO		VOC1	A1K-			
GASTNK1	GASTNK1	NO		VOC1	A1K-			
UOILTNK1	UOILTNK1	NO		VOC1	A1K-			

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.
01/16/2025	O1402	RN100213248

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.
LOILTNK1	LOILTNK1		NONE1	1-				

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 6)
Federal Operating Permit Program
Table 5: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart R: National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Storage Capacity	Alternate Means of Emission Limitation	AMEL ID No.	Storage Vessel Description	AMOC ID No.	Control Device ID No.	Subject to NSPS Kb	EFR Not Meeting §63.423(a) Requirements

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 7)
Federal Operating Permit Program
Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart Y: National Emission Standards for Benzene Emissions from Benzene Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Tank Type	Storage Capacity	Stringency	Alternate Means of Emission Limitation	AMEL ID No.	Tank Description	Control Device Type	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 8)
Federal Operating Permit Program
Table 7: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart OO: National Emission Standards for Tanks - Level 1
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Subject to 40 CFR Part 60, 61, or 63	Closed Vent System and Control Device	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 9)
Federal Operating Permit Program
Table 8a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Subject to Another Subpart of 40 CFR Part 61 or 63	HAP < 1 MG Per Year	Numerical Concentration Limits	Treated Organic Hazardous Constituents	Air Emission Controls	Direct Measurement	Biological Treatment	Efficiency ≥ 95%

Storage Tank/Vessel Attributes
Form OP-UA3 (Page10)
Federal Operating Permit Program
Table 8b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Bulk Feed	Existing Source	Tank Emissions Control	Level 2 Controls	Closed Vent System	Tank Type	Inspected and Monitored	Bypass Device	Flow Meter	Design Analysis

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 11)
Federal Operating Permit Program
Table 8c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	No Detectable Organic Emissions	Control Device Type	Control Device ID No.	Alternative Operating Parameters	AOP ID No.	HAP Recovery	Regenerable Carbon Adsorber	Complying with §63.693(d)(4)(iii)	Exhaust Stream Temp Monitor

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 12)
Federal Operating Permit Program
Table 8d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HAP Destruction	Organic Monitoring Device	Meets 40 CFR §63.693(f)(1)(iii)	95% HAP Destruction	BPH TOC Destruction	95% TOC Destruction	Meets 40 CFR §63.693(g)(1)(iii)	Introduced with Fuel	Continuous Temperature Monitoring System

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 13)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	MACT Subpart F/G Applicability	NESHAP Subpart Y Applicability	NSPS Subpart Kb Applicability	Maximum TVP	Emission Control Type	AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 14)
Federal Operating Permit Program
Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Seal Type	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 15)
Federal Operating Permit Program
Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Specified in 40 CFR § 63.640(g)(1)-(6)	Subject to 40 CFR Part 63, Subparts F, G, H, or I	Group 1 Storage Vessel	Group 1 Applicability	Group 2 Applicability	Storage Vessel Description	Reid Vapor Pressure	Estimated TVP

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 16)
Federal Operating Permit Program
Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	Reid Vapor Pressure	Tank Description	Control Device Type	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 17)
Federal Operating Permit Program
Table 10c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	True Vapor Pressure	Emission Standard	WW Tank Control	Unslotted Guidepole	Slotted Guidepole	Slotted Ladder	Seal Configuration	Inspection Requirement

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 18)
Federal Operating Permit Program
Table 10d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device Type	Control Device ID No.	Meets 63.985(b)(2)	Prior Eval	Assessment Waiver	Assessment Waiver ID	Prior Test	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 19)
Federal Operating Permit Program
Table 11a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart L: National Emission Standards for Benzene from Coke By-Product Recovery Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Initial Startup Date	Alternate Means of Emission Limitation	AMEL ID No.	Furnace or Foundry

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 20)
Federal Operating Permit Program
Table 11b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart L: National Emission Standards for Benzene from Coke By-Product Recovery Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR § 61.132(a)(2)(i) Devices	Open to Atmosphere	Alternative Control Device	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 21)
Federal Operating Permit Program
Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 22)
Federal Operating Permit Program
Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 23)
Federal Operating Permit Program
Table 12c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 24)
Federal Operating Permit Program
Table 13a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	Alternate Means of Emission Limitation	AMEL ID No.	Alternative Standard	Subject to40 CFR Part 60, Subpart K, Ka, or Kb

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 25)
Federal Operating Permit Program
Table 13b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device Type	Control Device ID No.	Alternative Monitoring	Regenerate On-site

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 26)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 27)
Federal Operating Permit Program
Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 28)
Federal Operating Permit Program
Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Designated Group 1	Emission Control Type	EEL ID No.	New Source

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 29)
Federal Operating Permit Program
Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Negative Pressure	Closed Vent System	Bypass Lines	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR §63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 30)
Federal Operating Permit Program
Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regeneration	Performance Test	95% Reduction Efficiency	Monitoring Options	Continuous Monitoring	Continuous Monitoring Alternative ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 31)
Federal Operating Permit Program
Table 15a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 32)
Federal Operating Permit Program
Table 15b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 33)
Federal Operating Permit Program
Table 15c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 34)
Federal Operating Permit Program
Table 16a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Alternate Means of Emission Limitation (AMEL)	AMEL ID No.	Subject to Another Regulation	Vessel Type	Bypass Device	Flow Indicator	Unsafe to Inspect

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 35)
Federal Operating Permit Program
Table 16b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Difficult to Inspect	Sealed Closed Vent System	Control Device Type	Control Device ID No.	Control Device Operation	Performance Test/ Design Analysis Exemption	Performance Test or Design Analysis

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 36)
Federal Operating Permit Program
Table 17a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Vessel Type	Group 1 Vessel	Maximum TVP	Emission Control Type	AMOC ID No.	Seal Type

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 37)
Federal Operating Permit Program
Table 17b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 38)
Federal Operating Permit Program
Table 18a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 6/12/95

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 39)
Federal Operating Permit Program
Table 18b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 40)
Federal Operating Permit Program
Table 18c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 41)
Federal Operating Permit Program
Table 18d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR § 63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 42)
Federal Operating Permit Program
Table 18e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regenerate On-site	Performance Test	95% Reduction Efficiency	Monitoring Options	Alternate Monitoring System	Alternate Monitoring ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 43)
Federal Operating Permit Program
Table 19a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Vessel Type	Group 1 Vessel	Alternative Means of Control	AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 44)
Federal Operating Permit Program
Table 19b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	TPPU Product	Storage Vessel Capacity	Vapor Pressure	Maximum HAP TVP	Emission Control Type	Seal Type

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 45)
Federal Operating Permit Program
Table 19c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 46)
Federal Operating Permit Program
Table 20a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 3/29/95

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 47)
Federal Operating Permit Program
Table 20b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 48)
Federal Operating Permit Program
Table 20c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 49)
Federal Operating Permit Program
Table 20d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR § 63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 50)
Federal Operating Permit Program
Table 20e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regenerate On-site	Performance Test	95% Reduction Efficiency	Monitoring Options	Alternate Monitoring System	Alternate Monitoring ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 51)
Federal Operating Permit Program
Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 52)
Federal Operating Permit Program
Table 21b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Barge	Offsite	Other Part 63

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 53)
Federal Operating Permit Program
Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 54)
Federal Operating Permit Program
Table 21d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	WW Tank Control	Unslotted Guidepole	Slotted Guidepole	Seal Configuration	Inspection Requirement

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 55)
Federal Operating Permit Program
Table 21e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alt 63SS Mon Parameters	CEMS	SS Device Type	Meets 63.988(b)(2)	Water	Designated HAL

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 56)
Federal Operating Permit Program
Table 21f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Determined HAL	HAL Device Type	Prior Test	Test Waiver	Formaldehyde	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 57)
Federal Operating Permit Program
Table 22a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 58)
Federal Operating Permit Program
Table 22b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted	Halogenated	Halogen Reduction

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 59)
Federal Operating Permit Program
Table 22c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 60)
Federal Operating Permit Program
Table 22d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Combination of Control Devices	Control Devices	Control Device ID No.	Compliance With 40 CFR §63.139(c)(1)	Halogenated	Halogen Reduction	Alt 63G Mon Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 61)
Federal Operating Permit Program
Table 22e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regeneration	Performance Tests	2485(h)(3)	95% Performance Tests	Monitoring Options

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 62)
Federal Operating Permit Program
Table 23a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CCCCCC: National Emission Standards for Organic Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Monthly Throughput	Capacity	Fill Pipe	Installed	Submerged Fill

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 63)
Federal Operating Permit Program
Table 23b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CCCCCC: National Emission Standards for Organic Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Floating Roof	Constructed	GDF Compliance	Vapor Balance	Leak Rate	Static Pressure

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 64)
Federal Operating Permit Program
Table 24a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Subject to Another Regulation	PTE	Compliance Option	Control Option	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 65)
Federal Operating Permit Program
Table 24b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Product Stored	Reid Vapor Pressure	Combustion Device Compliance Option	Performance Test	Bypass Device

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 66)
Federal Operating Permit Program
Table 25a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Compliance Subject to Another Subpart	Potential to Emit	Storage Capacity	Compliance Option	Group Type	Control Option	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 67)
Federal Operating Permit Program
Table 25b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Product Stored	Reid Vapor Pressure	Combustion Device Compliance Option	Performance Test	Bypass Device

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 68)
Federal Operating Permit Program
Table 26a: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Means of Compliance	AMOC ID No.	Unslotted Guidepole	Slotted Guidepole	Seal Configuration

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 69)
Federal Operating Permit Program
Table 26b: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Work Practice Standards	Alternative Work Practice Standards ID No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance

Fugitive Emission Unit Attributes
Form OP-UA3 (Page 70)
Federal Operating Permit Program
Table 27a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Control Requirement Exemptions	Alternate Control Requirement	ACR ID No.

Fugitive Emission Unit Attributes
Form OP-UA3 (Page 71)
Federal Operating Permit Program
Table 27b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Storage Tank Description	Control Option	Control Device ID No.	Bypass Device	Unsafe to Monitor	Difficult to Monitor

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 72)
Federal Operating Permit Program
Table 28a: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Source Type	Subject to MACT Subpart CCCCCC	Surge Control Tank	Fill Pipe	Installed

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 73)
Federal Operating Permit Program
Table 28b: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Storage Capacity	Throughput	Tank Description	Closure Device	Unslotted Guidepole

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 74)
Federal Operating Permit Program
Table 28c: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Performance Test	Alternative Operating Parameter	Operating Parameter Value	Vapor Processing System Type	Operating Parameter Monitoring

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 1)
Federal Operating Permit Program
Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Storage Capacity	Product Stored	True Vapor Pressure	Storage Vessel Description	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.
LOILTNK1	60K-LOILTNK1	73-								

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 2)
Federal Operating Permit Program
Table 2: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Ka: Standards of Performance for Storage Vessels for Petroleum Liquids
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	True Vapor Pressure	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Maximum TVP	Estimated TVP	Control Device ID No.

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.

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.

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.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
LOILTNK1	LOILTNK1	NO		VOC1	A1K-25K			
DIESELTNK1	DIESELTNK1	NO		VOC1	A1K-			
GASTNK1	GASTNK1	NO		VOC1	A1K-			
UOILTNK1	UOILTNK1	NO		VOC1	A1K-			

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.
01/16/2025	O1402	RN100213248

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.
LOILTNK1	LOILTNK1		NONE1	1-				

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 6)
Federal Operating Permit Program
Table 5: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart R: National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Storage Capacity	Alternate Means of Emission Limitation	AMEL ID No.	Storage Vessel Description	AMOC ID No.	Control Device ID No.	Subject to NSPS Kb	EFR Not Meeting §63.423(a) Requirements

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 7)
Federal Operating Permit Program
Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart Y: National Emission Standards for Benzene Emissions from Benzene Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Tank Type	Storage Capacity	Stringency	Alternate Means of Emission Limitation	AMEL ID No.	Tank Description	Control Device Type	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 8)
Federal Operating Permit Program
Table 7: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart OO: National Emission Standards for Tanks - Level 1
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Subject to 40 CFR Part 60, 61, or 63	Closed Vent System and Control Device	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 9)
Federal Operating Permit Program
Table 8a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Subject to Another Subpart of 40 CFR Part 61 or 63	HAP < 1 MG Per Year	Numerical Concentration Limits	Treated Organic Hazardous Constituents	Air Emission Controls	Direct Measurement	Biological Treatment	Efficiency ≥ 95%

Storage Tank/Vessel Attributes
Form OP-UA3 (Page10)
Federal Operating Permit Program
Table 8b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Bulk Feed	Existing Source	Tank Emissions Control	Level 2 Controls	Closed Vent System	Tank Type	Inspected and Monitored	Bypass Device	Flow Meter	Design Analysis

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 11)
Federal Operating Permit Program
Table 8c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	No Detectable Organic Emissions	Control Device Type	Control Device ID No.	Alternative Operating Parameters	AOP ID No.	HAP Recovery	Regenerable Carbon Adsorber	Complying with §63.693(d)(4)(iii)	Exhaust Stream Temp Monitor

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 12)
Federal Operating Permit Program
Table 8d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	HAP Destruction	Organic Monitoring Device	Meets 40 CFR §63.693(f)(1)(iii)	95% HAP Destruction	BPH TOC Destruction	95% TOC Destruction	Meets 40 CFR §63.693(g)(1)(iii)	Introduced with Fuel	Continuous Temperature Monitoring System

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 13)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	MACT Subpart F/G Applicability	NESHAP Subpart Y Applicability	NSPS Subpart Kb Applicability	Maximum TVP	Emission Control Type	AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 14)
Federal Operating Permit Program
Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Seal Type	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 15)
Federal Operating Permit Program
Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Specified in 40 CFR § 63.640(g)(1)-(6)	Subject to 40 CFR Part 63, Subparts F, G, H, or I	Group 1 Storage Vessel	Group 1 Applicability	Group 2 Applicability	Storage Vessel Description	Reid Vapor Pressure	Estimated TVP

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 16)
Federal Operating Permit Program
Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	Reid Vapor Pressure	Tank Description	Control Device Type	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 17)
Federal Operating Permit Program
Table 10c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	True Vapor Pressure	Emission Standard	WW Tank Control	Unslotted Guidepole	Slotted Guidepole	Slotted Ladder	Seal Configuration	Inspection Requirement

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 18)
Federal Operating Permit Program
Table 10d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device Type	Control Device ID No.	Meets 63.985(b)(2)	Prior Eval	Assessment Waiver	Assessment Waiver ID	Prior Test	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 19)
Federal Operating Permit Program
Table 11a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart L: National Emission Standards for Benzene from Coke By-Product Recovery Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Initial Startup Date	Alternate Means of Emission Limitation	AMEL ID No.	Furnace or Foundry

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 20)
Federal Operating Permit Program
Table 11b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart L: National Emission Standards for Benzene from Coke By-Product Recovery Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR § 61.132(a)(2)(i) Devices	Open to Atmosphere	Alternative Control Device	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 21)
Federal Operating Permit Program
Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 22)
Federal Operating Permit Program
Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 23)
Federal Operating Permit Program
Table 12c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 24)
Federal Operating Permit Program
Table 13a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	Alternate Means of Emission Limitation	AMEL ID No.	Alternative Standard	Subject to40 CFR Part 60, Subpart K, Ka, or Kb

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 25)
Federal Operating Permit Program
Table 13b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device Type	Control Device ID No.	Alternative Monitoring	Regenerate On-site

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 26)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 27)
Federal Operating Permit Program
Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 28)
Federal Operating Permit Program
Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Designated Group 1	Emission Control Type	EEL ID No.	New Source

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 29)
Federal Operating Permit Program
Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Negative Pressure	Closed Vent System	Bypass Lines	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR §63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 30)
Federal Operating Permit Program
Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regeneration	Performance Test	95% Reduction Efficiency	Monitoring Options	Continuous Monitoring	Continuous Monitoring Alternative ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 31)
Federal Operating Permit Program
Table 15a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 32)
Federal Operating Permit Program
Table 15b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 33)
Federal Operating Permit Program
Table 15c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 34)
Federal Operating Permit Program
Table 16a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Alternate Means of Emission Limitation (AMEL)	AMEL ID No.	Subject to Another Regulation	Vessel Type	Bypass Device	Flow Indicator	Unsafe to Inspect

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 35)
Federal Operating Permit Program
Table 16b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Difficult to Inspect	Sealed Closed Vent System	Control Device Type	Control Device ID No.	Control Device Operation	Performance Test/ Design Analysis Exemption	Performance Test or Design Analysis

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 36)
Federal Operating Permit Program
Table 17a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Vessel Type	Group 1 Vessel	Maximum TVP	Emission Control Type	AMOC ID No.	Seal Type

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 37)
Federal Operating Permit Program
Table 17b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 38)
Federal Operating Permit Program
Table 18a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 6/12/95

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 39)
Federal Operating Permit Program
Table 18b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 40)
Federal Operating Permit Program
Table 18c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 41)
Federal Operating Permit Program
Table 18d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR § 63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 42)
Federal Operating Permit Program
Table 18e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regenerate On-site	Performance Test	95% Reduction Efficiency	Monitoring Options	Alternate Monitoring System	Alternate Monitoring ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 43)
Federal Operating Permit Program
Table 19a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Vessel Type	Group 1 Vessel	Alternative Means of Control	AMOC ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 44)
Federal Operating Permit Program
Table 19b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/ Modification Date	TPPU Product	Storage Vessel Capacity	Vapor Pressure	Maximum HAP TVP	Emission Control Type	Seal Type

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 45)
Federal Operating Permit Program
Table 19c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Hard Piping	Bypass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 46)
Federal Operating Permit Program
Table 20a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 3/29/95

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 47)
Federal Operating Permit Program
Table 20b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 48)
Federal Operating Permit Program
Table 20c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 49)
Federal Operating Permit Program
Table 20d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR § 63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 50)
Federal Operating Permit Program
Table 20e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regenerate On-site	Performance Test	95% Reduction Efficiency	Monitoring Options	Alternate Monitoring System	Alternate Monitoring ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 51)
Federal Operating Permit Program
Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 52)
Federal Operating Permit Program
Table 21b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Barge	Offsite	Other Part 63

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 53)
Federal Operating Permit Program
Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 54)
Federal Operating Permit Program
Table 21d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	WW Tank Control	Unslotted Guidepole	Slotted Guidepole	Seal Configuration	Inspection Requirement

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 55)
Federal Operating Permit Program
Table 21e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alt 63SS Mon Parameters	CEMS	SS Device Type	Meets 63.988(b)(2)	Water	Designated HAL

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 56)
Federal Operating Permit Program
Table 21f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Storage Vessels
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Determined HAL	HAL Device Type	Prior Test	Test Waiver	Formaldehyde	Negative Pressure	Bypass Line

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 57)
Federal Operating Permit Program
Table 22a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 58)
Federal Operating Permit Program
Table 22b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	Bypass Lines	Control Device Type	Control Device ID No.	Design Evaluation Submitted	Halogenated	Halogen Reduction

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 59)
Federal Operating Permit Program
Table 22c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Wastewater Tank Usage	Wastewater Tank Properties	Emission Control Type	EEL ID No.	Closed Vent System	Bypass Lines

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 60)
Federal Operating Permit Program
Table 22d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Combination of Control Devices	Control Devices	Control Device ID No.	Compliance With 40 CFR §63.139(c)(1)	Halogenated	Halogen Reduction	Alt 63G Mon Parameters	AMP ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 61)
Federal Operating Permit Program
Table 22e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, Wastewater
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Regeneration	Performance Tests	2485(h)(3)	95% Performance Tests	Monitoring Options

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 62)
Federal Operating Permit Program
Table 23a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CCCCCC: National Emission Standards for Organic Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Monthly Throughput	Capacity	Fill Pipe	Installed	Submerged Fill

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 63)
Federal Operating Permit Program
Table 23b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CCCCCC: National Emission Standards for Organic Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Floating Roof	Constructed	GDF Compliance	Vapor Balance	Leak Rate	Static Pressure

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 64)
Federal Operating Permit Program
Table 24a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Subject to Another Regulation	PTE	Compliance Option	Control Option	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 65)
Federal Operating Permit Program
Table 24b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Product Stored	Reid Vapor Pressure	Combustion Device Compliance Option	Performance Test	Bypass Device

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 66)
Federal Operating Permit Program
Table 25a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Compliance Subject to Another Subpart	Potential to Emit	Storage Capacity	Compliance Option	Group Type	Control Option	Control Device ID No.

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 67)
Federal Operating Permit Program
Table 25b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Product Stored	Reid Vapor Pressure	Combustion Device Compliance Option	Performance Test	Bypass Device

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 68)
Federal Operating Permit Program
Table 26a: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Means of Compliance	AMOC ID No.	Unslotted Guidepole	Slotted Guidepole	Seal Configuration

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 69)
Federal Operating Permit Program
Table 26b: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Work Practice Standards	Alternative Work Practice Standards ID No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance

Fugitive Emission Unit Attributes
Form OP-UA3 (Page 70)
Federal Operating Permit Program
Table 27a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Control Requirement Exemptions	Alternate Control Requirement	ACR ID No.

Fugitive Emission Unit Attributes
Form OP-UA3 (Page 71)
Federal Operating Permit Program
Table 27b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Storage Tank Description	Control Option	Control Device ID No.	Bypass Device	Unsafe to Monitor	Difficult to Monitor

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 72)
Federal Operating Permit Program
Table 28a: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Source Type	Subject to MACT Subpart CCCCCC	Surge Control Tank	Fill Pipe	Installed

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 73)
Federal Operating Permit Program
Table 28b: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Storage Capacity	Throughput	Tank Description	Closure Device	Unslotted Guidepole

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 74)
Federal Operating Permit Program
Table 28c: Title 40 Code of Federal Regulations Part 63 (CFR Part 63)
Subpart BBBBBB: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Performance Test	Alternative Operating Parameter	Operating Parameter Value	Vapor Processing System Type	Operating Parameter Monitoring

Form OP-UA16
Solvent Degreasing Machine Attributes
Texas Commission on Environmental Quality

General:

This form is used to provide a description and data pertaining to all solvent degreasing machines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a solvent degreasing machine, then it should be left blank and need not be submitted with the application. The following solvent degreasing machines are considered off-permit sources and do not need to be listed:

A. In counties not affected by title 30 TAC Chapter 115, remote reservoir or immersion type cold solvent degreasers which do not use solvent with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight.

B. In counties affected by 30 TAC Chapter 115, remote reservoir cold solvent cleaners which use solvents with a tvp equal to or less than 0.6 psia measured at 100 degrees Fahrenheit, which do not use solvents with methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-Trichloroethane, carbon tetrachloride, chloroform, or any combination of these solvent in a total concentration greater than or equal to 5% by weight, and which have a drain area of less than 16 in 2, provided waste solvent is disposed of in enclosed containers.

If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

Table 1:	**Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Degreasing Processes**
Tables 2a - 2c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning**

The application area name from Form OP-1 entitled, "Site Information Summary" must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (*MM/DD/YYYY*). **Leave the permit number blank for the initial form submittal**. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator *before* the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) **requires** that a Core Data Form be submitted on **all** incoming registrations unless all of the following are met: The Regulated Entity *and* Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone

numbers. This information is commonly referred as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the *Customer Reference (CN)* number and the *Regulated Entity (RN)* number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core

Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry.

Specific:

Table 1: **Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter E: Degreasing Processes**

★ **Complete Table 1 only for solvent degreasing machines located in a county subject to 30 TAC Chapter 115 and using a volatile organic compound (VOC).**

Unit ID No.:
Enter the identification number (ID No.) for the solvent degreasing machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

Solvent Degreasing Machine Type:
Select one of the following options for the solvent degreasing machine type as pertains to 30 TAC Chapter 115. Enter the code on the form.

For SOP applications:

Code	Description
CONV	Conveyorized (vapor or cold) cleaning machine
VOT	Open-top vapor cleaning machine
COLD	Cold solvent cleaning machine
RRC-S	Remote reservoir cold solvent cleaning machine
550-	Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period [for degreasing operations located in Gregg, Nueces, or Victoria County and claiming exemption 30 TAC § 115.411(5)]

For GOP applications:

Code	Description
RRC-G	Remote reservoir cold solvent cleaning machine
OTHER	Other than remote reservoir cold solvent cleaning machine

Note: Open-top vapor or conveyorized degreasing machines subject to 30 TAC Chapter 115 and degreasing machines using halogenated solvents do not qualify for a GOP.

Alternate Control Requirement (ACR):
If the TCEQ Executive Director has approved an ACR as allowed under 30 TAC § 115.413, enter "YES". Otherwise, enter "NO."

Alternate Control Requirement ID. No.:
If an ACR allowed under 30 TAC § 115.413 is used, then enter the corresponding ACR unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the ACR approval letter in the table column. The unique identifier and/or the date of approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank (GOP applicants must leave this column blank).

★ **Complete the Rest of Table 1 only if "Alternate Control Requirement" is "NO."**

★ **Complete "Solvent Sprayed," "Solvent Vapor Pressure," Solvent Heated or Agitated," "Parts Larger than Drainage," "Drainage Area," and "Disposal in Enclosed Containers" Only if "Solvent Degreasing Machine Type" is "COLD," "RRC-S," "RRC-G," or "OTHER."**

Solvent Sprayed:
Enter "YES" if a solvent is sprayed. Otherwise, enter "NO."

Solvent Vapor Pressure:
Select one of the following options for solvent vapor pressure (as measured at 100°F). Enter the code on the form.

For SOP applications:

Code	Description
0.6-	Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit
0.6+	Solvent vapor pressure is greater than 0.6 psia as measured at 100 degrees Fahrenheit

For GOP applications:

Code	Description
G0.6-	Solvent vapor pressure is less than or equal to 0.6 psia at 100 degrees Fahrenheit
G0.6+	Solvent vapor pressure is greater than 0.6 psia at 100 degrees Fahrenheit

Solvent Heated:
Enter "YES" if the solvent is heated to a temperature greater than 120 degrees Fahrenheit. Otherwise, enter "NO."

Parts Larger Than Drainage:
Enter "YES" if any cleaned part for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Otherwise, enter "NO."

★ **Complete "Drainage Area" only if "Solvent Degreasing Machine Type" is "COLD" or "RRC-S", or if "Solvent Degreasing Machine Type" is "RRC-G" and "Solvent Vapor Pressure" is "G0.6-."**

DRAINAGE AREA:
Select one of the following options for drainage area. Enter the code on the form.

Code	Description
16-	Area is less than 16 square inches
16+	Area is greater than or equal to 16 square inches

Disposal in Enclosed Containers:
Enter "YES" if the waste solvent is properly disposed of in enclosed containers. Otherwise, enter "NO."

★ **Complete "Solvent/Air Interface Area" only if "Solvent Degreasing Machine Type" is "CONV."**

Solvent/Air Interface Area:
Select one of the following options for solvent/air interface area as pertains to 30 TAC Chapter 115. Enter the code on the form.

Code	Description
20-	Solvent/air interface is less than 20 square feet
20+	Solvent/air interface is greater than or equal to 20 square feet

★ **Complete "Emission Control Combinations" only if "Solvent Degreasing Machine Type" is "CONV" or "VOT."**

Emission Control Combinations:
For solvent degreasing machines subject to the requirements of 30 TAC Chapter 115, select from the following options for emission control combinations. If more than one control technique is used, list each control technique on additional lines.

Code	Description
FBR	Freeboard with the ratio specified in 30 TAC § 115.412(1)(E) or 30 TAC § 115.412(2)(D)(i)
CHILL	Refrigerated chiller achieving 85% or greater control of VOC emissions
ENCL	Enclosed design
CADS	Carbon adsorber with ventilation greater than or equal to 50 cfm/ft2 and exhausting less than 25 ppm of solvent volume averaged over one adsorption cycle

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Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

★ **Complete for solvent cleaning machines using halogenated solvents.**

Unit ID No.:
Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

Solvent Type:
Enter "YES" if the unit uses one (or any combination) of the following halogenated hazardous air pollutant (HAP) solvents: methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform in a total concentration greater than 5% by weight. Otherwise, enter "NO."

Solvent Cleaning Machine Type:
Select one of the following options for the solvent cleaning machine type as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
INLN	In-line (vapor or cold) cleaning machine
CWCM	Continuous web cleaning machine
RRCWCM	Remote reservoir continuous web cleaning machine
CRRB	Non-immersion remote reservoir batch cold cleaning machine
CRRBIM	Immersion remote reservoir batch cold cleaning machine
CBAT	Batch cold cleaning machine other than a remote reservoir cold cleaning machine

VOTB	Open-top batch vapor cleaning machine
VBAT	Batch vapor cleaning machine other than open-top vapor
OTHER	Other solvent cleaning machine type

★ **Complete "Equivalent Methods of Control" only if "Solvent Cleaning Machine Type" is "INLN," "CWCM," "RRCWCM," "VOTB," or "VBAT."**

Equivalent Methods of Control:
Enter "YES" if using equivalent equipment or procedures approved by the EPA Administrator, under 40 CFR § 63.469, to those prescribed for compliance within a specified paragraph of 40 CFR Part 63, Subpart T. Otherwise, enter "NO."

EMOC ID NO.:
If an equivalent method of control (EMOC) has been approved, enter the corresponding EMOC unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the EMOC approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

▼ **Do not continue if "Solvent Cleaning Machine Type" is "INLN," "CWCM," "RRCWCM," "VOTB" or "VBAT" and "Equivalent Methods of Control" is "YES."**

Construction Date:
Select one of the following options based on the commencement date of the most recent construction, modification, or reconstruction of the solvent degreasing machine. Enter the code on the form.

Code	Description
93-	Unit constructed, modified, or reconstructed on or before November 29, 1993
93+	Unit constructed, modified, or reconstructed after November 29, 1993

★ **Complete the remainder of Table 2a only if "Solvent Cleaning Machine Type" is "CRRB," 'CRRBIM," or "CBAT." If "Solvent Cleaning Machine Type" is NOT "CRRB," "CRRBIM," or "CBAT," go to Table 2b.**

★ **Complete "Cold Cleaning Emission Control" only if "Solvent Cleaning Machine Type" is "CRRBIM" or "CBAT."**

Cold Cleaning Emission Control:
For solvent degreasing machines subject to the requirements of 40 CFR Part 63, Subpart T, choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

Code	Description
FREBRD	Freeboard ratio is greater than or equal to 0.75
WATER	A water layer on the surface with thickness greater than or equal to 2.5 cm

★ **Complete "Cold Cleaning Work Practice Alternative" if "Solvent Cleaning Machine Type" is "CRRB" or if "Solvent Cleaning Machine Type" is "CRRBIM" or "CBAT", and "Cold Cleaning Emission Control" includes "FREBRD."**

Cold Cleaning Work Practice Alternative:
Enter "YES" if an alternative to the requirements of 40 CFR § 63.462(c)(1) - (8) have been approved. Otherwise, enter "NO."

Cold Cleaning Work Practice Alternative ID No.:
If a work practice alternative has been approved, enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

★ **Complete "Additional Emission Control" if "Solvent Cleaning Machine Type" is "CRRB" and "Cold Cleaning Work Practice Alternative" is "NO;" or if "Solvent Cleaning Machine Type" is "CRRBIM" or "CBAT," and "Cold Cleaning Emission Control" includes "FREBRD" and "Cold Cleaning Work Practice Alternative" is "NO."**

Additional Emission Control:
Choose from the following codes to describe emission control. If more than one code is applicable, use additional rows to list each control technique.

Code	Description
FHFD	Flexible hose or flushing device
AGTD	Air or pump-agitated solvent bath
BOTH	Flexible hose or flushing device and Air or pump-agitated solvent bath
NONE	None

▼ **Continue only if "Solvent Degreasing Machine Type" is "INLN," "CWCM," "RRCWCM," "VBAT," or "VOTB."**

Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

Unit ID No.:
Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

Alternative Standard:
Enter "YES" if complying with 40 CFR § 63.464 as an alternative to 40 CFR § 63.463. Otherwise, enter "NO".

★ **Complete "Solvent/Air Interface Area" only if "Solvent Cleaning Machine Type" is "VBAT" or "VOTB."**

Solvent/Air Interface Area:
Select one of the following options for solvent/air interface area as it pertains to 40 CFR Part 63, Subpart T. Enter the code on the form.

Code	Description
NONE	No solvent/air interface
13-	Solvent/air interface area is less than or equal to 13 ft2 (1.21 m2)
13+	Solvent/air interface area is greater than 13 ft2 (1.21 m2)

★ **Complete "Machine Cleaning Capacity" Only if "Alternative Standard" is "YES" and "Solvent/Air Interface Area" is "NONE".**

Machine Cleaning Capacity:
Enter one of the following codes for solvent degreasing machine capacity.

Code	Description
780-	Capacity is less than or equal to 780 gallons (2.95 cubic meters)
780+	Capacity is greater than 780 gallons (2.95 cubic meters)

▼ **Continue only if "Alternative Standard" is "NO."**

Machine Exhaust:
Select one option that describes the exhaust being used by the solvent cleaning machine. Enter the code on the form.

Code	Description
LIP	Solvent cleaning machine uses a lip exhaust
OTHER	Solvent cleaning machine uses an exhaust, internal to the machine, other than a lip exhaust
NONE	Solvent cleaning machine uses no exhaust internal to the machine

Note: If "Machine Exhaust" is "LIP" or "OTHER," the "Control Combination" selected must include a carbon adsorption system.

Control Combinations:
Select one option that describes the control combination or compliance option being used by the solvent cleaning machine. Enter the code on the form.

For batch vapor solvent cleaning machines with a solvent air interface of 13 square feet or less complying with the requirements of 40 CFR § 63.463(b)(1)(i) or § 63.463(b)(1)(ii):

Code	Description
TABLE1-1	Solvent cleaning machine uses a working mode cover, freeboard ratio of 1.0 and superheated vapor
TABLE1-2	Solvent cleaning machine uses a freeboard refrigeration device and superheated vapor
TABLE1-3	Solvent cleaning machine uses a working mode cover and freeboard refrigeration device
TABLE1-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE1-5	Solvent cleaning machine uses a reduced room draft and freeboard refrigeration device
TABLE1-6	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE1-7	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE1-8	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and dwell
TABLE1-9	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE1-10	Solvent cleaning machine uses a freeboard ratio of 1.0, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For batch vapor solvent cleaning machines with a solvent air interface of greater than 13 square feet complying with the requirements of 40 CFR § 63.463(b)(2)(i) or § 63.463(b)(2)(ii):

Code	Description
TABLE2-1	Solvent cleaning machine uses a freeboard refrigeration device, freeboard ratio of 1.0 and superheated vapor
TABLE2-2	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and dwell
TABLE2-3	Solvent cleaning machine uses a working mode cover, freeboard refrigeration device and superheated vapor
TABLE2-4	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and superheated vapor
TABLE2-5	Solvent cleaning machine uses a reduced room draft, freeboard refrigeration device and superheated vapor
TABLE2-6	Solvent cleaning machine uses a reduced room draft, freeboard ratio of 1.0 and a freeboard refrigeration device
TABLE2-7	Solvent cleaning machine uses a freeboard refrigeration device, superheated vapor and a carbon adsorber
IDLE22	Demonstrating compliance with the 0.22 kg/hr per square meter (0.045 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(b)(1)(ii) or § 63.463(b)(2)(ii)

For existing in-line solvent cleaning machines:

Code	Description
TABLE3-1	Solvent cleaning machine uses superheated vapor and a freeboard ratio of 1.0
TABLE3-2	Solvent cleaning machine uses a freeboard refrigeration device and a freeboard ratio of 1.0
TABLE3-3	Solvent cleaning machine uses a freeboard refrigeration device and dwell
TABLE3-4	Solvent cleaning machine uses a carbon adsorber and dwell
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For new in-line solvent cleaning machines:

Code	Description
TABLE4-1	Solvent cleaning machine uses superheated vapor and a freeboard refrigeration device
TABLE4-2	Solvent cleaning machine uses a freeboard refrigeration device and a carbon adsorber
TABLE4-3	Solvent cleaning machine uses superheated vapor and a carbon adsorber
IDLE10	Demonstrating compliance with the 0.10 kg/hr per square meter (0.021 lb/hr per square foot) of solvent air interface as specified in 40 CFR § 63.463(c)(1)(ii) or § 63.463(c)(2)(ii)

For existing continuous web solvent cleaning machines:

Code	Description
SVAPOR+1	Superheated vapor and a freeboard ratio of 1.0
SPART+1	Superheated part technology and a freeboard ratio of 1.0
FRD+1	Freeboard refrigeration device and a freeboard ratio of 1.0
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new continuous web solvent cleaning machines:

Code	Description
SVAPRFRD	Superheated vapor and a freeboard refrigeration device
SPARTFRD	Superheated parts technology and a freeboard refrigeration device
FRDCAD100	Freeboard refrigeration device and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
VPRCAD100	Superheated vapor and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
PTCAD100	Superheated part technology and a carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For new remote reservoir continuous web solvent cleaning machines:

Code	Description
SVAPOR	Superheated vapor
SPART	Superheated part technology
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

For existing remote reservoir continuous web solvent cleaning machines:

Code	Description
NOCAD	Existing remote reservoir continuous web solvent cleaning machine does not have an exhaust and is not required to equip with a carbon adsorption system
CADS100	Carbon adsorption system meeting the requirements of 40 CFR § 63.463(e)(2)(vii) (100 ppm exhaust concentration)
CADS70	Carbon adsorption system demonstrated to have an overall control efficiency of at least 70%

Alternative Monitoring Procedure:
Enter "YES" if using an alternative monitoring procedure (AMP) approved by the EPA Administrator and using a control device in 40 CFR §§ 63.466(a) through (e). Otherwise, enter "NO."

AMP ID No.:
If an AMP has been approved, enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the compliance file under the appropriate account number. Otherwise, leave this column blank.

★ **Complete "Superheated Part Monitoring" only if "Solvent Cleaning Machine Type" is "CWCM" and "Control Combination" is "SPART+1," "SPARTFRD" or "PTCAD100" and "Alternate Monitoring Procedures" is "NO"; or if "Solvent Cleaning Machine Type" is "RRCWCM," and "Control Combination" is "SPART" and "Alternate Monitoring Procedures" is "NO."**

Superheated Part Monitoring:
Enter "YES" if compliance with the monitoring provisions of 40 CFR § 63.466(a)(4) is selected. Otherwise, enter "NO."

Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart T: National Emission Standards for Halogenated Solvent Cleaning

Unit ID No.:
Enter the identification number (ID No.) for the solvent cleaning machine (maximum 10 characters) as listed on Form OP- SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB- XXXX]). For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Federal Operating Permit Application Guidance Document."

★ **Complete "Air Disturbance Control Option" only if "Solvent Cleaning Machine Type" is "CWCM," "INLN", "VOTB", or "VBAT."**

Air Disturbance Control Option:
Select one option that describes how the solvent cleaning machine is complying with the requirement to control air disturbance as specified in 40 CFR § 63.463(a)(1) or § 63.463(g)(3)(i). Enter the code on the form.

For in-line or batch vapor solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover

For continuous web solvent cleaning machines:

Code	Description
RRD	Using reduced room draft and monitoring and controlling room parameters
RRDENCL	Using reduced room draft achieved through use of a partial or total enclosure
COVER	Using an idling or downtime cover
GASKET	Using gasketed or leakproof doors to separate the continuous web part feed and take-up reels from the room atmosphere
PRESS-	Machine is under negative pressure during idling and downtime and is vented to a carbon adsorber meeting the requirements of 40FR § 63.463(e)(2)(vii) or § 63.463(g)(2)

★ **Complete "Continuous Web Work Practice Option" only if "Solvent Cleaning Machine Type" is "CWCM" or "RRCWCM."**

Continuous Web Work Practice Option:
Select one option that describes how the solvent cleaning machine is complying with the requirements of 40 CFR § 63.463(g)(3)(iii) or § 63.463(h)(2)(i). Enter the code on the form.

Code	Description
SPEED	Using an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters/minute (11 feet/minute) or less
AKNIFE	Using an air knife system
SQUEEG	Using a squeegee system
BOTH	Using both an air knife and squeegee system

★ **Complete "§ 63.466(a)-(e) Control" only if "Control Combination" is "IDLE22" or "IDLE10."**

§ 63.466(a)-(e) CONTROL:
Enter "YES" if the solvent cleaning machine is using any of the controls in 40 CFR § 63.466(a)(-(e). Otherwise, enter "NO."

▼ **Continue only if "Control Combination" is "IDLE22" or "IDLE10" and "§ 63.466(a)-(e) Control" is "YES."**

Freeboard Refrigeration Device:
Enter "YES" if the solvent cleaning machine is using a freeboard refrigeration device. Otherwise, enter "NO."

Working Mode Cover:
Enter "YES" if the solvent cleaning machine is using a working mode cover. Otherwise, enter "NO."

Dwell:
Enter "YES" if the solvent cleaning machine is using a dwell. Otherwise, enter "NO."

Superheated Vapor:
Enter "YES" if the solvent cleaning machine is using superheated vapor. Otherwise, enter "NO."

Carbon Adsorber:
Enter "YES" if the solvent cleaning machine is using a carbon adsorber. Otherwise, enter "NO."

Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 1) Federal Operating Permit Program
Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/Air Interface Area	Emission Control Combinations
PW-01	PW-01	RRC-S	No		Yes	0.6-	No	No	16-	Yes		

Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 12) Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart T: National Emission Standards for Halogenated Solvent Cleaning
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Solvent Type	Solvent Cleaning Machine Type	Equivalent Methods of Control	EMOC ID No.	Construction Date	Cold Cleaning Emission Control	Cold Cleaning Work Practice Alternative	Cold Cleaning Work Practice Alternative ID No.	Additional Emission Control

Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 3) Federal Operating Permit Program
Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:
National Emission Standards for Halogenated Solvent Cleaning
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternative Standard	Solvent/Air Interface	Machine Cleaning Capacity	Machine Exhaust	Control Combinations	Alternative Monitoring Procedure	AMP ID No.	Superheated Part Monitoring

Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 4) Federal Operating Permit Program
Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart T:
National Emission Standards for Halogenated Solvent Cleaning
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Air Disturbance Control Option	Continuous Web Work Practice Option	§ 63.466(a) - (e) Control	Freeboard Refrigeration Device	Working Mode Cover	Dwell	Superheated Vapor	Carbon Adsorber

Form OP-UA14 - Instructions
Water Separator Attributes
Texas Commission on Environmental Quality

General:

This form is used to provide a description and data pertaining to all volatile organic compound (VOC) water separators, oil water separators, and organic water separators with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a volatile organic compound (VOC) water separators, oil water separators, and organic water separators, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

Table 1:	**Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter B: Water Separation**
Tables 2a - 2c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators**
Tables 3a - 3d:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations**
Tables 4a - 4b:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems**
Tables 5a - 5b:	**Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)**
Tables 6a - 6b:	**Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart L: National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants**
Tables 7a - 7c:	**Title 40 Code of Federal Regulations Part 63(40 CFR Part 63), Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater**
Tables 8a - 8c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries – These tables have been removed from the form. Applicability determinations on other tables in this form may be necessary. Please see instructional notes under the placeholders for Table 8 in these instructions.**
Tables 9a - 9c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**
Tables 10a – 10c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63, Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**
Tables 11a – 11c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing**
Tables 12a – 12b:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**

The application area name from Form OP-1 (Site Information Summary)" must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). **Leave the permit number blank for the initial form submittal**. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. **Anytime a response is not required based on the qualification criteria, leave the space on the form blank.**

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency (EPA) Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity (RN) and Customer Reference (CN) Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the CN number and the RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry/index.html.

If you have questions on how to fill out this form or about air quality permit, please call 512/239-1250. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512/239-3282.

Specific:

Table 1: **Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter B:Water Separation**

Unit ID No.:

Enter the identification number (ID No.) for the VOC water separators, oil water separators, and organic water separators (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Alternative Control Requirement (ACR):

Enter "YES" if the executive director (or the EPA Administrator) has approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Otherwise, enter "NO."

ACR ID No.:

If an ACR has been approved, enter the corresponding ACR unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, enter the date of the ACR approval letter. The unique identifier and/or the date of the approval letter are contained in the compliance file under the appropriate permit number. Otherwise, leave this column blank.

Note: Enter the identifier or date of the approval letter if using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit. For these cases, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.

▼ **Continue only if "Alternate Control Requirement" is "NO."**

Exemption:

If the water separator is exempt from control requirements in 30 TAC § 115.132, select one of the following options that best represents the premise for the exemption. Enter the code on the form. **If the separator is not exempt from control requirements in 30 TAC § 115.132, enter "NONE."**

For water separators located in the Beaumont/Port Arthur, Dallas/Fort Worth, El Paso, or Houston/Galveston ozone nonattainment areas, the following exemptions apply:

Code	Description
ACRUDE	Any VOC water separator used exclusively in conjunction with the production of crude oil or condensate for which emissions from the separator have a combined weight of VOC less than or equal to 100 lbs (45.4 kg) in any continuous 24-hour period
ATVP	Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure (TVP) less than 0.5 psia (3.4 kPa) obtained from any equipment
ASOLE	Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered

For water separators located in Gregg, Nueces, and Victoria Counties, the following exemptions apply:

Code	Description
BCRUDE	Any volatile organic compound (VOC) water separator used exclusively in conjunction with the production of crude oil or condensate
BTVP	Any single or multiple compartment VOC water separator which separates materials having a TVP less than 1.5 psia (10.3 kPa) obtained from any equipment
BSOLE	Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered
BSEP	Any single or multiple compartment VOC water separator which separates less handling 200 gallons (757 liters) a day of materials containing VOC obtained from any equipment
BGREGG	Any single or multiple compartment VOC water separator that separates materials obtained from any equipment in a facility other than a petroleum refinery and is located in Gregg County

For water separators located in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties, the following exemptions apply:

Code	Description
CCRUDE	Any VOC water separator used exclusively in conjunction with the production of crude oil or condensate
CTVP	Any single or multiple compartment VOC water separator which separates materials having a TVP less than 1.5 psia (10.3 kPa) obtained from any equipment
CSOLE	Any single or multiple compartment VOC water separator which is designed solely to capture stormwater, spills, or exterior surface cleanup waters and is fully covered.
CSEP	Any single or multiple compartment VOC water separator which separates less than 200 gallons (757 liters) a day of materials containing VOC obtained from any equipment

▼ **Continue only if "Exemption" is "NONE."**

Emission Control Option:

Select one of the following emission control options. Enter the code on the form.

Code	Description
ROOF	The compartment is equipped with a floating roof or internal floating cover that rests on the contents and has closure seal(s) to close space between the roof edge and tank wall with gauging and sampling devices that are vapor tight except when in use
ENCL	The compartment has all openings sealed and totally encloses the liquid contents with gauging and sampling devices that are vapor tight except when in use
VAP	Vapor recovery system which satisfies the provisions of 30 TAC § 115.131

▼ **Continue only if "Emission Control Option" is "VAP."**

Control Device:

Select one of the following options to describe the type of vapor recovery system that is used. Enter the code on the form.

Code	Description
DFINC	Direct flame incinerator
CATINC	Catalytic incinerator
CHILL	Chiller
CADS	Carbon adsorber
OTHER	Other vapor recovery system

Control Device ID No.:

Enter the identification number (ID No.) for the device to which this water separator routes emissions (maximum 10 characters). This number should be consistent with the number listed on Form OP-SUM. If there is no control device, leave this column blank.

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators

Note: Questions relating to 40 CFR Part 63, Subpart VV have been incorporated into Tables 3a - 3d. For separators subject to the requirements of 40 CFR Part 63, Subpart VV, only by reference of 40 CFR Part 63, Subpart DD, complete Tables 3a - 3d. Do not complete Table 2a - 2c.

Unit ID No.:

Enter the identification number (ID No.) for the volatile organic compound (VOC) water separators, oil water separators, and organic water separators (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary.)

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control:

Enter "YES" if the facility controls air emissions from an oil-water or organic-water separator for which another subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV otherwise, enter "NO."

▼ **Continue only if "Control" is "YES."**

Emissions Control:

Select one of the following options to describe the emissions control technique that is used. Enter the code on the form.

Code	Description
FIXED	Fixed roof
FLOAT	Floating roof
CONTROL	Fixed roof venting to a control device
PRES	Pressurized separator

▼ **Continue only if "Emissions Control" is "CONTROL" or "PRES."**

No Detectable Organic Emissions:

Enter "YES" if the closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Otherwise, enter "NO."

Inspected and Monitored:

Enter "YES" if the closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Otherwise, enter "NO."

By-pass Device:

Enter "YES" if the closed-vent system includes a by-pass device that diverts the gas or vapor stream to the atmosphere before entering the control device. Otherwise, enter "NO."

★ **Complete "Flow Meter" only if "By-pass Device" is "YES."**

Flow Meter:

Enter "YES" if the by-pass device is equipped with a flow meter. Otherwise, enter "NO."

Design Analysis:

Enter "YES" if design analysis is used to demonstrate control device performance. Otherwise, enter "NO."

Table 2b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators**

Unit ID No.:

Enter the identification number (ID No.) for the volatile organic compound (VOC) water separators, oil water separators, and organic water separators (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control Device:

Select one of the following options for the type of control device. Enter the code on the form.

Code	Description
CADS	Carbon adsorption system
COND	Condenser
FLARE	Flare
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
BPH	Boiler or process heater (BPH)

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed. This number should be consistent with the control device identification number (maximum 10 characters) listed on Form OP-SUM (Individual unit Summary.) If there is no control device, then leave this column blank.

▼ **Do not continue if "Control Device" is "FLARE."**

Alternative Operating Parameters:

Enter "YES" if a continuous monitoring system that measures alternative operating parameters (AOP), approved by the EPA Administrator, are being used. Otherwise, enter "NO."

AOP ID No.:

If an alternative operating parameter has been approved, then enter the corresponding AOP unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the AOP approval. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate permit number. Otherwise, leave this column blank.

★ **Complete "HAP Recovery" only if "Control Device" is "CADS" or "COND."**

HAP Recovery:

Enter "YES" if the carbon adsorber or condenser is designed and operated to recover greater than or equal to 95%, on a weight-basis, of the total hazardous air pollutants (HAP) listed in Table 1 of 40 CFR Part 63, Subpart DD contained in the vent stream entering the carbon adsorber or condenser. Otherwise, enter "NO."

★ **Complete "Regenerable Carbon Adsorber" only if "Control Device" is "CADS."**

Regenerable Carbon Adsorber:

Enter "YES" if the carbon adsorber is regenerable. Otherwise, enter "NO."

★ **Complete "Exhaust Stream Temperature Monitor" only if "Control Device" is "COND" and "Alternative Operating Parameters" is "NO."**

Exhaust Stream Temperature Monitor:

Enter "YES" if a continuous parameter monitoring system is used to measure and record the daily average temperature in the exhaust gases from the condenser. Otherwise, enter "NO."

▼ **Continue only if "Control Device" is "VAPTH," "VAPCAT," or "BPH."**

Table 2c: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators**

Unit ID No.:

Enter the identification number (ID No.) for the volatile organic compound (VOC) water separators, oil water separators, and organic water separators (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

HAP Destruction:

Enter "YES" if the vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants (HAP) listed in Table 1 of 40 CFR Part 63, Subpart DD contained in the vent stream entering the vapor incinerator, boiler, or process heater. Otherwise, enter "NO."

★ **Complete "Organic Monitoring Device" only if "Control Device" is "VAPTH" or "VAPCAT" and "Alternative Operating Parameters" is "NO."**

Organic Monitoring Device:

Enter "YES" if a continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is used. Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.693(f)(1)(iii)" only if "Control Device" is "VAPTH" or "VAPCAT" and "HAP Destruction" is "NO."**

Meets 40 CFR § 63.693(f)(1)(iii):

Enter "YES" if a residence time of 0.5 seconds or longer and a temperature of 760°C or higher is maintained in the vapor incinerator combustion chamber. Otherwise, enter "NO."

★ **Complete "95% HAP Destruction" only if "Control Device" is "VAPTH," "VAPCAT," or "BPH" and "HAP Destruction" is "YES."**

95% HAP Destruction:

Enter "YES" if the HAP is destroyed by greater than or equal to 95% on a total HAP weight-basis. Otherwise, enter "NO."

★ **Complete "BPH TOC Destruction" only if "Control Device" is "BPH" and "HAP Destruction" is "NO."**

BPH TOC Destruction:

Enter "YES" if the boiler or process heater (BPH) is designed and operated to destroy the total organic compounds (TOC), less methane and ethane, contained in the vent stream introduced into the flame zone of the boiler or process heater. Otherwise, enter "NO."

★ **Complete "95% TOC Destruction" only if "Control Device" is "VAPTH" or "VAPCAT" and "Meets 40 CFR § 63.693(f)(1)(iii)" is "NO," or if "Control Device" is "BPH" and "BPH TOC Destruction" is "YES."**

95% TOC Destruction:

Enter "YES" if the TOC, less methane and ethane, contained in the vent stream entering the vapor incinerator or introduced into the flame zone of the boiler or process heater is destroyed by greater than or equal to 95% on a weight-basis. Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.693(g)(1)(iii)" only if "Control Device" is "BPH" and "BPH TOC Destruction" is "NO."**

Meets 40 CFR § 63.693(g)(1)(iii):

Enter "YES" if the vent stream is introduced into the flame zone of the boiler or process heater and the combustion chamber maintains a residence time of 0.5 seconds or longer and a temperature of 760°C or higher. Otherwise, enter "NO."

★ **Complete "Introduced with Fuel" only if "Meets 40 CFR § 63.693(g)(1)(iii)" is "NO."**

Introduced with Fuel:

Enter "YES" if the vent stream is introduced with the fuel that provides the predominate heat input to the boiler or process heater. Otherwise, enter "NO."

★ **Complete "Continuous Temperature Monitoring System" only if "Control Device" is "BPH" and "Alternative Operating Parameters" is "NO."**

Continuous Temperature Monitoring System:

Enter "YES" if a continuous parameter monitoring system is used to measure and record the daily average combustion zone temperature. Otherwise, enter "NO."

Table 3a: **Title 40 Code of Federal Regulations Part 63 (CFR Part 63), Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water or organic-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Subject to another Subpart of 40 CFR Parts 61 OR 63:

Enter "YES" if the oil-water or organic-water separator is also subject to another subpart under 40 CFR Part 61 or 40 CFR Part 63, and the owner or operator is controlling the HAP listed in Table 1 of 40 CFR Part 63, Subpart DD that are emitted from the unit in compliance with the provisions specified in the other applicable subpart. Otherwise, enter "NO."

▼ **Continue only if "Subject to another Subpart of 40 CFR Parts 61 or 63" is "NO."**

Exempt from § 63.683(b):

Enter "YES" if the owner or operator is choosing to exempt the oil-water or organic-water separator from the requirements specified in 40 CFR § 63.683(b)(1). Otherwise, enter "NO."

★ **Complete "HAP < 1 MG Per Year" only if "Exempt from § 63.683(b)" is "YES."**

HAP < 1 MG per Year:

Enter "YES" if the total annual quantity of hazardous air pollutants (HAPs) contained in the off-site material placed in all units selected by the owner or operator to be exempted under 40 CFR § 63.683(b)(1)(iii) is less than 1 MG per year. Otherwise, enter "NO."

▼ **Continue only if "HAP< 1 MG Per Year" is "NO" or if "Exempt from § 63.683(b)" is "NO."**

Numerical Concentration Limits:

Enter "YES" if the off-site material placed in the oil-water or organic-water separator is a hazardous waste that meets the numerical concentration limits, applicable to the hazardous waste, as specified in 40 CFR Part 268, Land Disposal Restrictions. Otherwise, enter "NO."

▼ **Continue only if "Numerical Concentration Limits" is "NO."**

Treated Organic Hazardous Constituents:

Enter "YES" if the organic hazardous constituents in the hazardous waste have been treated according to 40 CFR § 268.42(a) or have been removed or destroyed by an equivalent method of treatment approved under 40 CFR § 268.42(b). Otherwise, enter "NO."

▼ **Continue only if "Treated Organic Hazardous Constituents" is "NO."**

Air Emissions Controls:

Enter "YES" if the owner or operator is opting to install and operate air emission controls on the oil-water or organic-water separator in accordance with the standards specified in 40 CFR § 63.686. Otherwise, enter "NO."

★ **Complete "Direct Measurement" only if "Air Emission Controls" is "NO."**

Direct Measurement:

Enter "YES" if direct measurement is used to determine the volatile organic hazardous air pollutant (VOHAP) concentration. Otherwise, enter "NO."

▼ **Continue only if "Air Emission Controls" is "YES."**

Table 3b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations

Unit ID No.:

Enter the identification number (ID No.) for the oil-water or organic-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Emissions Control:

Select one of the following options to describe the emissions control technique that is used. Enter the code on the form.

Code	Description
FIXED	Fixed roof that is vented through a closed vent system to a control device
PRES	Pressurized separator that operates as a closed system
FLOAT	Floating roof
FLOATPT	Floating roof where portions of the separator were infeasible to install and operate a floating roof

▼ **Do not continue if "Emissions Control" is "FLOAT."**

Inspected and Monitored:

Enter "YES" if the closed-vent system is inspected and monitored as specified in 40 CFR § 63.693(b)(4)(i). Otherwise, enter "NO."

By-pass Device:

Enter "YES" if the closed-vent system includes a by-pass device that diverts the gas or vapor stream to the atmosphere before entering the control device. Otherwise, enter "NO."

★ **Complete "Flow Meter" only if "By-pass Device" is "YES."**

Flow Meter:

Enter "YES" if the by-pass device is equipped with a flow meter. Otherwise, enter "NO."

Design Analysis:

Enter "YES" if design analysis is used to demonstrate control device performance. Otherwise, enter "NO."

No Detectable Organic Emissions:

Enter "YES" if the closed-vent system routing to the control device is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.694(k). Otherwise, enter "NO."

Table 3c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations

Unit ID No.:

Enter the identification number (ID No.) for the oil-water or organic-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control Device:

Select one of the following options for the type of control device. Enter the code on the form.

Code	Description
CADS	Carbon adsorption system
COND	Condenser
FLARE	Flare
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
BPH	Boiler or process heater (BPH)

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 10 characters). This number should be consistent with the control device identification number listed on Form OP-SUM (Individual Unit Summary.) Use multiple lines, if more than one control device is used. If there is no control device, then leave this column blank.

▼ **Do not continue if "Control Device" is "FLARE."**

Alternative Operating Parameters:

Enter "YES" if a continuous monitoring system that measures alternative operating parameters (AOP), approved by the EPA Administrator, and is being used. Otherwise, enter "NO."

AOP ID No.:

If an alternative operating parameter has been approved, then enter the corresponding AOP unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the AOP approval. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

★ **Complete "HAP Recovery" only if "Control Device" is "CADS" or "COND."**

HAP Recovery:

Enter "YES" if the carbon adsorber or condenser is designed and operated to recover greater than or equal to 95%, on a weight-basis, of the total hazardous air pollutants (HAP) listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the carbon adsorber or condenser. Otherwise, enter "NO."

★ **Complete "Regenerable Carbon Adsorber" only if "Control Device" is "CADS."**

Regenerable Carbon Adsorber:

Enter "YES" if the carbon adsorber is regenerable. Otherwise, enter "NO."

★ **Complete "Complying with 40 CFR § 63.693(d)(4)(iii)" only if "Regenerable Carbon Adsorber" is "NO."**

Complying with § 63.693(d)(4)(iii):

Enter "YES" if the owner or operator has chosen to comply with the requirements of 40 CFR § 63.693(d)(4)(iii). Otherwise, enter "NO."

★ **Complete "Exhaust Stream Temperature Monitor" only if "Control Device" is "COND" and "Alternative Operating Parameters" is "NO."**

Exhaust Stream Temperature Monitor:

Enter "YES" if a continuous parameter monitoring system is used to measure and record the daily average temperature in the exhaust gases from the condenser. Otherwise, enter "NO."

▼ **Continue only if "Control Device" is "VAPTH," "VAPCAT," or "BPH."**

Table 3d: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DD: National Emission Standards for Hazardous Air Pollutants from Offsite Waste and Recovery Operations**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water or organic-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

HAP Destruction:

Enter "YES" if the vapor incinerator, boiler, or process heater is designed and operated to destroy the hazardous air pollutants (HAP) listed in Table 1 of 40 CFR 63, Subpart DD contained in the vent stream entering the vapor incinerator, boiler, or process heater. Otherwise, enter "NO."

★ **Complete "Organic Monitoring Device" only if "Control Device" is "VAPTH" or "VAPCAT" and "Alternative Operating Parameters" is "NO."**

Organic Monitoring Device:

Enter "YES" if a continuous monitoring system that measures and records the daily average concentration of organic compounds in the exhaust vent stream of the control device is used. Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.693(f)(1)(iii)" only if "Control Device" is "VAPTH" or "VAPCAT" and "HAP Destruction" is "NO."**

Meets 40 CFR § 63.693(f)(1)(iii):

Enter "YES" if a residence time of 0.5 seconds or longer and a temperature of 760°C or higher is maintained in the vapor incinerator combustion chamber. Otherwise, enter "NO."

★ **Complete "95% HAP Destruction" only if "Control Device" is "VAPTH," "VAPCAT," or "BPH" and "HAP Destruction" is "YES."**

95% HAP Destruction:

Enter "YES" if the HAP is destroyed by greater than or equal to 95% on a total HAP weight-basis. Otherwise, enter "NO."

★ **Complete "BPH TOC Destruction" only if "Control Device" is "BPH" and "HAP Destruction" is "NO."**

BPH TOC Destruction:

Enter "YES" if the boiler or process heater (BPH) is designed and operated to destroy the total organic compounds (TOC), less methane and ethane, contained in the vent stream introduced into the flame zone of the boiler or process heater. Otherwise, enter "NO."

★ **Complete "95% TOC Destruction" only if "Control Device" is "VAPTH" or "VAPCAT" and "Meets 40 CFR § 63.693(f)(1)(iii)" is "NO," or if "Control Device" is "BPH" and "BPH TOC Destruction" is "YES."**

95% TOC Destruction:

Enter "YES" if the TOC, less methane and ethane, contained in the vent stream entering the vapor incinerator or introduced into the flame zone of the boiler or process heater is destroyed by greater than or equal to 95% on a weight-basis. Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.693(g)(1)(iii)" only if "Control Device" is "BPH" and "BPH TOC Destruction" is "NO."**

Meets 40 CFR § 63.693(g)(1)(iii):

Enter "YES" if the vent stream is introduced into the flame zone of the boiler or process heater and the combustion chamber maintains a residence time of 0.5 seconds or longer and a temperature of 760°C or higher. Otherwise, enter "NO."

★ **Complete "Introduced with Fuel" only if "Meets 40 CFR § 63.693(g)(1)(iii)" is "NO."**

Introduced with Fuel:

Enter "YES" if the vent stream is introduced with the fuel that provides the predominate heat input to the boiler or process heater. Otherwise, enter "NO."

★ **Complete "Continuous Temperature Monitoring System" only if "Control Device" is "BPH" and "Alternative Operating Parameters" is "NO."**

Continuous Temperature Monitoring System:

Enter "YES" if a continuous parameter monitoring system is used to measure and record the daily average combustion zone temperature. Otherwise, enter "NO."

Table 4a: **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:

Select one of the following codes that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
87-	On or before May 4, 1987
87+	After May 4, 1987

▼ **Continue only if "Construction/Modification Date" is "87+"**

Alternate Means of Emission Limitation (AMEL):

Enter "YES" if the EPA Administrator has approved an AMEL. Otherwise, enter "NO."

AMEL ID No.:

If an AMEL has been approved, then enter the corresponding AMEL unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the AMEL approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Alternate Means of Emission Limitation (AMEL)" is "NO."**

Alternative Standard:

Enter "YES" if the oil-water separator tank is equipped with a floating roof. Otherwise, enter "NO."

★ **Complete "Capacity < 38 L/s" only if "Alternative Standard" is "NO."**

Capacity < 38 L/s:

Enter "YES" if the oil-water separator tank has been modified or reconstructed and has a maximum design capacity to treat less than 38 liters per second (600 gallons per minute) of refinery wastewater and was equipped and operated with a fixed roof covering the entire separator tank or a portion of the separator tank prior to May 4, 1987. Otherwise, enter "NO."

★ **Complete "Electing to Comply with 40 CFR § 60.693-2" only if "Capacity < 38 L/s" is "YES."**

Electing to Comply with § 60.693-2:

Enter "YES" if complying with 40 CFR § 60.692-3(a) for the existing fixed roof covering a portion of the separator tank and complying with 40 CFR § 60.693-2 for floating roofs for the remainder of the separator tank. Otherwise, enter "NO."

★ **Complete "Capacity" only if "Capacity < 38 L/s" is "NO."**

Capacity:

Select one of the following options that describe the oil-water separator tank capacity. Enter the code on the form.

Code	Description
16-	Design capacity to treat is less than or equal to 16 liters per second (250 gallons per minute) of refinery wastewater
16+	Design capacity to treat is greater than 16 liters per second (250 gallons per minute) of refinery wastewater

★ **Do not complete Table 4b if "Capacity" is "16-," or if "Capacity < 38 L/s" is "YES."**

Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 10 [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control Device:

Select one of the following options that apply to the control device utilized to comply with 40 CFR § 60.692-5. Enter the code on the form.

Code	Description
INCIN	Thermal incinerator
CATINC	Catalytic incinerator
CARB	Carbon adsorber
OTHREC	Volatile organic compound (VOC) recovery device other than a carbon adsorber
FLARE	Flare
NONE	No control device

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed. This number should be consistent with the control device identification number (maximum 10 characters) listed on Form OP-SUM entitled, "Individual Unit Summary." If there is no control device, then leave this column blank.

Alternative Monitoring:

Enter "YES" if an alternative operational or process parameter is monitored. Otherwise, enter "NO."

★ **Complete "Regenerate Onsite" only if "Control Device" is "CARB."**

Regenerate Onsite:

Enter "YES" if the carbon adsorption system regenerates the carbon bed directly onsite. Otherwise, enter "NO."

Table 5a: **Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)**

★ **Complete Tables 5a - 5b only if the total annual benzene quantity from facility waste is greater than or equal to 10 Mg/yr.**

★ **Note: For facilities complying with 40 CFR § 61.342(e), complete Tables 5a - 5b only for oil-water separators that manage treat or store facility waste with a flow-weighted annual average water content of less than 10% or are being controlled for air emissions per 40 CFR § 61.343.**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Alternate Means of Compliance:

Enter "YES" if using an alternate means of compliance to meet the requirements of 40 CFR § 61.347 for oil-water separators. Otherwise, enter "NO."

AMOC ID No.:

If an alternate means of compliance (AMOC) has been approved, then enter the corresponding AMOC unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the AMOC approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

★ **Continue only if "Alternate Means of Compliance" is "NO."**

Alternative Standards for Oil-Water Separator:

Enter "YES" if the oil-water separator is complying with the alternative standards in 40 CFR § 61.352. Otherwise, enter "NO."

★ **Complete "Floating Roof" only if "Alternative Standards for Oil-Water Separator" is "YES."**

Floating Roof:

Enter "YES" if a floating roof meeting the requirements of 40 CFR § 60.693-2(a) is used. Otherwise, enter "NO."

★ **Complete "Floating Roof Portion Feasibility" only if "Floating Roof" is "YES."**

Floating Roof Portion Feasibility:

Enter "YES" if the oil-water separator has a floating roof, however, there are portions of the oil-water separator where it is not feasible to construct and operate a floating roof. Otherwise, enter "NO."

★ **Continue only if "Alternative Standards for Oil-Water Separator" is "NO" or if "Floating Roof Portion Feasibility" is "YES."**

Fuel Gas System:

Enter "YES" if gaseous emissions from the Oil-Water separator are routed to a fuel gas system. Otherwise, enter "NO."

★ **Do not continue if "Fuel Gas System" is "YES."**

Cover and Closed Vent:

Enter "YES" if the cover and closed-vent system is operated such that the oil-water separator is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.347(a)(1)(i)(C)(1) - (3). Otherwise, enter "NO."

Closed Vent System and Control Device AMOC:

Enter "YES" if using an alternate means of compliance to meet the requirements of § 63.349 for the closed vent system and control device. Otherwise, enter "NO."

CVS/CD AMOC ID No.:

If an AMOC has been approved, then enter the corresponding AMOC unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMOC approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Closed Vent System and Control Device AMOC" is "NO."**

Table 5b: **Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary.)

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

By-pass Line:

Enter "YES" if the closed-vent system contains any by-pass line that could divert the vent stream away from the control device. Otherwise, enter "NO."

★ **Complete "By-Pass Line Valve" only if "By-Pass Line" is "YES."**

By-pass Line Valve:

Enter "YES" if a car-seal or lock and key configuration are used to secure the by-pass line valve in the closed position. Otherwise, enter "NO."

Control Device Type/Operation:

Select one of the following options for the type of control device. Enter the code on the form.

Enclosed Combustion Devices:

Code	Description
THERM95	Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent [see 40 CFR § 61.349(a)(2)(i)(A)]
THERM20	Thermal vapor incinerator that achieves a total organic compound concentration of 20 ppmv on a dry basis corrected to 3% oxygen [see 40 CFR § 61.349(a)(2)(i)(B)]
THERMMR	Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C [see 40 CFR § 61.349(a)(2)(i)(C)]
CATA95	Catalytic vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent [see 40 CFR § 61.349(a)(2)(i)(A)]
CATA20	Catalytic vapor incinerator that achieves a total organic compound concentration of 20 ppmv on a dry basis corrected to 3% oxygen [see 40 CFR § 61.349(a)(2)(i)(B)]
CATAMR	Catalytic vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C [see 40 CFR § 61.349(a)(2)(i)(C)]
B44-95	Boiler or process heater having a design heat input capacity less than 44 MW and with a reduction of organics being greater than or equal to 95 weight percent [see 40 CFR § 61.349(a)(2)(i)(A)]
B44-20	Boiler or process heater having a design heat input capacity less than 44 MW and that achieves a total organic compound concentration of 20 ppmv on a dry basis corrected to 3% oxygen [see 40 CFR § 61.349(a)(2)(i)(B)]
B44-MR	Boiler or process heater having a design heat input capacity less than 44 MW and that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C [see 40 CFR § 61.349(a)(2)(i)(C)]
B44+95	Boiler or process heater having a design heat input capacity greater than or equal to 44 MW and with a reduction of organics being greater than or equal to 95 weight percent [see 40 CFR § 61.349(a)(2)(i)(A)]
B44+20	Boiler or process heater having a design heat input capacity greater than or equal to 44 MW and that achieves a total organic compound concentration of 20 ppmv on a dry basis corrected to 3% oxygen [see 40 CFR § 61.349(a)(2)(i)(B)]
B44+MR	Boiler or process heater having a design heat input capacity greater than or equal to 44 MW and that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C [see 40 CFR § 61.349(a)(2)(i)(C)]

Vapor Recovery Systems:

Code	Description
COND	Condenser without a temperature monitoring device
CONDWITH	Condenser with a temperature monitoring device
CDIRECT	Carbon adsorption system that regenerates the carbon bed directly in the control device and does not have a continuous recorder to measure exhaust concentration
CDIRECTW	Carbon adsorption system that regenerates the carbon bed directly in the control device and has a continuous recorder to measure exhaust concentration
CARADS	Carbon adsorption system that does not regenerate the carbon bed directly in the control device
OTH-VRS	Vapor recovery system other than condenser or carbon adsorption system

Other Control Devices:

Code	Description
FLARE	Flare
OTHER	Alternate control device approved under 40 CFR § 61.349(a)(2)(iv)

Control Device ID No:

If applicable, enter the identification number for the control device to which treatment process emissions are routed (maximum 10 characters). This number should be consistent with the identification number listed on the Form OP-SUM (Individual Unit Summary.)

★ **Complete "Engineering Calculations" only if "Control Device Type/Operation" is NOT "OTHER," "FLARE," "THERMMR," "CATAMR," "B44-MR" or "B44+MR."**

Engineering Calculations:

Enter "YES" if engineering calculations show that the control device is proven to achieve its emission limitation. Otherwise, enter "NO."

★ **Complete "Alternate Monitoring Parameters" only if "Control Device Type/Operation" is NOT "OTHER," "FLARE" or "CARADS."**

Alternate Monitoring Parameters:

Enter "YES" if alternate monitoring parameters or requirements have been approved by the Administrator. Otherwise, enter "NO."

★ **Complete "Carbon Replacement Interval" only if "Control Device Type/Operation" is "CARADS."**

Carbon Replacement Interval:

Enter "YES" if the carbon in the carbon adsorption system is replaced at a regular predetermined interval. Otherwise, enter "NO."

Table 6a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart L: National Emission Standards for Benzene Emissions from Coke By-Product Recovery Plants

★ **Complete Table 6a only for light-oil decanters, wash-oil decanters, and light-oil sumps at coke by-product recovery plants.**

Unit ID No.:

Enter the identification number (ID No.) for the light-oil decanters, wash-oil decanters, and light oil sumps (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 10 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Equipment Type:

Select one of the following options that describes the water separator at the coke by-product recovery plant. Enter the code on the form.

Code	Description
LWD	Light-oil decanter or wash-oil decanter
LOS	Light-oil sump

Initial Startup Date:

Select one of the following options to describe the initial startup of the affected source. Enter the code on the form.

Code	Description
89-	Before September 14, 1989
89+	On or after September 14, 1989

AMEL:

Enter "YES" if the TCEQ Executive Director (or EPA Administrator) has approved an alternative means of emission limitation (AMEL) in accordance with 40 CFR 61.136(d)(1). Otherwise, enter "NO."

AMEL ID No.:

If an AMEL has been approved, enter the corresponding AMEL unique identifier (maximum 10 characters) for each unit. If the unique identifier is unavailable, then enter the date of the AMEL approval letter in the table column. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

★ **Complete "Subject to 40 CFR § 61.133" only if "AMEL" is "YES" and "Equipment Type" is "LOS."**

Subject to 40 CFR § 61.133:

Enter "YES" if the source is subject to 40 CFR § 61.133. Otherwise, enter "NO."

▼ **Continue only if "Equipment Type" is "LWD."**

Table 6b: **Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61), Subpart L: National Emission Standards for Benzene Emissions from Coke By-Product Recovery Plants**

★ **Complete Table 6b only for light-oil decanters and wash-oil decanters at coke by-product recovery plants.**

Unit ID No.:

Enter the identification number (ID No.) for the light-oil decanters, wash-oil decanters, and light oil sumps (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 10 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Furnace or Foundry" only if "AMEL" is "NO."**

Furnace or Foundry:

Select one of the following options to describe the coke by-product recovery plant. Enter the code on the form.

Code	Description
FURN	Furnace coke by-product recovery plant
FOUND	Foundry coke by-product recovery plant

Title 40 CFR § 61.132(a)(2)(i) Devices:

Enter "YES" if a pressure relief device, vacuum relief device, access hatch, and a sampling port is installed on the tar decanter, light-oil condenser, or tar-intercepting sump. Otherwise, enter "NO."

Open to Atmosphere:

Enter "YES" if the source is a tar decanter. Otherwise, enter "NO."

★ **Complete "Alternative Control Device" only if "AMEL" is "YES."**

Alternative Control Device:

Select one of the following options to describe the alternative control device used for each process vessel or tar intercepting sump. Enter the code on the form.

Code	Description
RECAD	Regenerative carbon adsorber
NRCAD	Non-regenerative carbon adsorber
CATA	Catalytic incinerator
INCIN	Vapor incinerator other than a catalytic incinerator

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which the light-oil decanter, wash-oil decanter, or light-oil sump routes emissions (maximum 10 characters). This number should be consistent with the control device identification number listed on Form OP-SUM (Individual Unit Summary).

Table 7a: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater**

★ **Complete Tables 7a-c only for oil-water separators that receive, manage, or treat non-process or process wastewater streams subject to 40 CFR Part 63, Subpart G.**

Unit ID No.:

Enter the identification number (ID No.) (maximum 10 characters) for the oil-water separator as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Process Wastewater:

Enter "YES" if the oil-water separator receives, manages, or treats process wastewater streams as defined in Title 40 CFR Part 63, Subpart F. Otherwise, enter "NO."

★ **Complete "New Source" only if "Process Wastewater" is "YES."**

New Source:

Enter "YES" if the source is a new source. Otherwise, enter "NO."

★ **Complete "Control Requirement" only if "Process Wastewater" is "NO."**

Control Requirement:

Select one of the following options to describe the control of the oil-water separator used to comply with 40 CFR § 63.149(d)(1). Enter the code on the form.

Code	Description
FIXED	Fixed roof with vapors routing to a process or to a fuel gas system
CVS	Closed vent system that routes vapors to a control device that meets the requirements of 40 CFR § 63.139(c)
FLOAT	Floating roof that meets the equipment specifications of 40 CFR § 60.693(a)(1)(i), (a)(1)(ii), (a)(2), (a)(3), and (a)(4)

★ **Complete "Oil-Water Separator Type" only if "Process Wastewater" is "YES."**

Oil-Water Separator Type:

Select one of the following options for the oil-water separator type used to comply with § 63.137(a). Enter the code on the form.

Code	Description
COVER	Fixed roof and a closed vent system that routes the organic hazardous air pollutant vapors vented from the oil-water separator to a control device
FLOAT	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ only
FLOAT+	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ with fixed roof and closed vent system over portions (e.g., a weir) of the oil-water separator
EEL	Equivalent means of emission limitation approved by the EPA Administrator

Designated Group 1:

Enter "YES" if the oil-water separator receives a wastewater stream designated as Group 1 using the procedures described in §63.132(e). Otherwise, enter "NO."

★ **Complete "EEL Id NO." only if "Oil-Water Separator Type" is "EEL."**

EEL ID No.:

If an equivalent emission limitation (EEL) has been approved, then enter the corresponding EEL unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the EEL approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Floating Roof Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an alternate monitoring parameter (AMP) for the floating roof. Otherwise, enter "NO."

Floating Roof AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Control Requirement" is "CVS" or if "Oil-Water Separator Type" is "COVER" or "FLOAT+."**

Table 7b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Negative Pressure" if "Process Wastewater" is "YES" and "Oil-Water Separator Type" is "COVER" or "FLOAT+;" or if "Process Wastewater" is "NO" and "Control Requirement" is "CVS."**

Negative Pressure:

Enter "YES" if the fixed roof and closed-vent system are operated and maintained under negative pressure. Otherwise, enter "NO."

★ **Complete "Closed Vent System" and "By-pass Lines" only if "Negative Pressure" is "NO."**

Closed Vent System:

Select the option that describes the operation of the closed vent system. Enter the code on the form.

Code	Description
SUBPTG	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148
SUBPTH	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172

By-pass Lines:

Select the option that describes by-pass lines on the closed vent system. Enter the code on the form.

Code	Description
NONE	No by-pass lines
FLOWIND	By-pass lines are monitored by flow indicators
CARSEAL	By-pass line valves are secured in the closed position with a car-seal or lock-and-key configuration

Combination of Control Devices:

Enter "YES" if the vent stream is treated using a combination of control devices. Otherwise, enter "NO."

If the response to "Combination of Control Devices" is "YES," complete one additional row on the form for each additional control device. Each row must have a unique SOP Index No.

Control Device Type:

Select one of the following options for the control device. Enter the code on the form.

Code	Description
FLARE	Flare
BPH-44+	Boiler or process heater with a design heat input capacity greater than or equal to 44 MW
BPH-VNT	Boiler or process heater into which the vent stream is introduced with primary fuel
BPH-HAZ	Boiler or process heater burning hazardous waste
HAZINC	Hazardous waste incinerator
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
OTHBPH	Boiler or process heater not described above
OTHENC	Other enclosed combustion device
CADS	Carbon adsorber
COND	Condenser
OTHVRS	Other vapor recovery system
SCRUB	Scrubber used as a control device
OTHER	Other control device

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 10 characters. This number should be consistent with the control device identification number) listed on Form OP-SUM. If there is no control device, then leave this column blank.

★ **Complete "Compliance with 40 CFR § 63.139(c)(1)" only if "Control Device Type" is "VAPTH," "VAPCAT," "OTHBPH" or "OTHENC."**

Compliance with 40 CFR § 63.139(c)(1):

Select one of the following options that describes the method of compliance specified in 40 CFR § 63.139(c)(1). Enter the code on the form.

Code	Description
C1I	The enclosed combustion device being used meets the 95% reduction provisions specified in 40 CFR § 63.139(c)(1)(i)
C1II	The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)
C1III	The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)

Table 7c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an AMP. Otherwise, enter "NO."

AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Alternate Monitoring Parameters" is "NO."**

★ **Complete "Regeneration" only if "Control Device Type" is "CADS."**

Regeneration:

Enter "YES" if the carbon bed is regenerated directly on site. Otherwise, enter "NO."

★ **Complete "Performance Test" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB."**

Performance Test:

Enter "YES" if performance tests are being conducted using the test methods and procedures specified in 40 CFR § 63.145(i). Otherwise, enter "NO."

★ **Complete "95% Reduction Efficiency" only if "Performance Test" is "YES."**

95% Reduction Efficiency:

Enter "YES" if the performance tests are conducted to demonstrate compliance with 95% reduction efficiency. Otherwise, enter "NO."

★ **Complete "Monitoring Options" only if "Alternate Monitoring Parameters" is "NO" and "Control Device Type" is "FLARE," "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB."**

Monitoring Options:

Select the monitoring option that describes the monitoring parameters being used for the control device. Enter the code on the form.

For control devices other than scrubbers and non-regenerative carbon adsorbers.

Code	Description
TABLE13	Control device is using the monitoring parameters specified in Table 13
ORGMON	Control device is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2).

For non-regenerative carbon adsorbers.

Code	Description
ORGMON	Non-regenerative carbon adsorber is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)
REPLACE	Non-regenerative carbon adsorber is replacing the carbon at a predetermined replacement interval for scrubbers

Code	Description
ORGMON	Scrubber is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)

★ **Complete "Continuous Monitoring" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB" and "Monitoring Options" is "TABLE13" or "ORGMON."**

Continuous Monitoring:

Select one of the following options that describe the continuous monitoring and recordkeeping used for the unit. Enter the code on the form.

Code	Description
151G	Alternative to continuous monitoring as requested and approved under 40 CFR § 63.151(g)
152G	Alternative to continuous monitoring as allowed under 40 CFR § 63.152(g)
NOALT	Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or 40 CFR § 63.143(e)(2) in Table 13

Continuous Monitoring ALT ID No.:

If alternative continuous monitoring has been approved under 40 CFR § 63.151(g), then enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 8a: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries**

This table has been removed from the form. See note below for information on submitting attributes for oil-water separators subject to 40 CFR Part 63, Subpart CC.

Note: Oil-water separators that receive Group 1 wastewater streams and do not receive streams subject to the provisions of 40 CFR Part 63, Subpart G and 40 CFR §§ 63.133 - 63.147 should be identified on Table 5, for 40 CFR Part 61, Subpart FF.

Oil-water separators that receive Group 1 wastewater streams and do receive streams subject to the provisions of 40 CFR Part 63, Subpart G and 40 CFR §§ 63.133 - 63.147 should be identified on Table 7, for 40 CFR Part 63, Subpart G.

Oil-water separators that receive Group 2 wastewater streams and do receive streams subject to the provisions of 40 CFR Part 63, Subpart G and 40 CFR §§ 63.133 - 63.147 should also be identified on Table 7, for 40 CFR Part 63, Subpart G, as follows:

- *If complying with §63.640(o)(2)(i) or §63.640(o)(2)(ii)(A), comply with Group 2 requirements.*
- *If complying with §63.640(o)(2)(ii)(B) (Group 2 wastewater whose benzene emissions are subject to control under 40 CFR Part 61, Subpart FF on or after December 31, 1992), comply with Group 1 requirements.*

Table 8b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries**

This table has been removed from the form.

Table 8c: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries**

This table has been removed from the form.

Table 9a: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63). Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**

★ **Complete Tables 9a - 9c only for oil-water separators that receive, manage, or treat non-process or process wastewater streams subject to 40 CFR Part 63, Subpart U.**

Unit ID No.:

Enter the identification number (ID No.) (maximum 10 characters) for the oil-water separator as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Process Wastewater:

Enter "YES" if the oil-water separator receives, manages, or treats process wastewater streams (as defined in 40 CFR Part 63, Subpart F or from the routine washing or rinsing of batch equipment between batches). Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.149(d)" only if "Process Wastewater" is "NO".**

Meets 40 CFR § 63.149(d):

Enter "YES" if the oil-water separator meets the criteria of 40 CFR § 63.149(d) or the criteria in 40 CFR § 63.149(e)(1). Otherwise, enter "NO."

▼ **Do not continue if "Process Wastewater" is "NO" and "Meets 40 CFR § 63.149(d)" is "NO."**

Control Requirement:

Select one of the following options to describe the control of the oil-water separator. Enter the code on the form.

For Oil-Water Separators used to comply with 40 CFR § 63.501 by complying with the requirements of 40 CFR § 63.149(d)(1) select from the following list.

Code	Description
FIXED	Fixed roof with vapors routing to a process or to a fuel gas system
CVS	Closed vent system that routes vapors to a control device that meets the requirements of 40 CFR § 63.139(c)
FLOAT	Floating roof that meets the equipment specifications of 40 CFR § 60.693(a)(1)(i), (a)(1)(ii), (a)(2), (a)(3), and (a)(4)

For Oil-Water Separators used to comply with 40 CFR § 63.501 by complying with the requirements of 40 CFR § 63.137(a) select from the following list.

Code	Description
COVER	Fixed roof and a closed vent system that routes the organic hazardous air pollutant vapors vented from the oil-water separator to a control device
FLOAT	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ only
FLOAT+	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ with fixed roof and closed vent system over portions (e.g., a weir) of the oil-water separator
EEL	Equivalent means of emission limitation approved by the EPA Administrator

EEL ID No.:

If an equivalent emission limitation (EEL) has been approved, then enter the corresponding EEL unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the EEL approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Floating Roof Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an alternate monitoring parameter (AMP) for the floating roof. Otherwise, enter "NO."

Floating Roof AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Control Requirement" is "CVS," "COVER" or "FLOAT+."**

Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Closed Vent System:

Select the option that describes the operation of the closed vent system. Enter the code on the form.

Code	Description
PRESS	Closed vent system is maintained under negative pressure
SUBPTG	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148
SUBPTH	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172

★ **Complete "By-pass Lines" only if "Closed Vent System" is "SUBPTG" or "SUBPTH."**

By-pass Lines:

Select the option that describes by-pass lines on the closed vent system. Enter the code on the form.

Code	Description
NONE	No by-pass lines
FLOWIND	By-pass lines are monitored by flow indicators
CARSEAL	By-pass line valves are secured in the closed position with a car-seal or lock-and-key configuration

★ **Complete "Combination of Control Devices" only if "Process Wastewater" is "NO."**

Combination of Control Devices:

Enter "YES" if the vent stream is treated using a combination of control devices. Otherwise, enter "NO."

If the response to "Combination of Control Devices" is "YES," complete one additional row on the form for each additional control device. Each row must have a unique SOP Index No.

Control Device Type:

Select one of the following options for the control device. Enter the *code* on the form.

Code	Description
FLARE	Flare
BPH-44+	Boiler or process heater with a design heat input capacity greater than or equal to 44 MW
BPH-VNT	Boiler or process heater into which the vent stream is introduced with primary fuel
BPH-HAZ	Boiler or process heater burning hazardous waste
HAZINC	Hazardous waste incinerator
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
BPH	Boiler or process heater not described above
OTHENC	Other enclosed combustion device
CADS	Carbon adsorber
COND	Condenser
OTHVRS	Other vapor recovery system
SCRUB	Scrubber used as a control device
OTHER	Other control device

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 10 characters. This number should be consistent with the control device identification number) listed on Form OP-SUM. If there is no control device, then leave this column blank.

★ **Complete "Compliance with 40 CFR § 63.139(c)(1)" only if "Control Device Type" is "VAPTH", "VAPCAT", "BPH" or "OTHENC."**

Compliance with 40 CFR § 63.139(c)(1):

Select one of the following options that describes the method of compliance specified in 40 CFR § 63.139(c)(1). Enter the code on the form.

Code	Description
C1I	The enclosed combustion device being used meets the 95% reduction provisions specified in 40 CFR § 63.139(c)(1)(i)
C1II	The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)
C1III	The enclosed combustion device being used meets the 0.5 second residence time at 760 C provisions specified in 40 CFR § 63.139(c)(1)(iii)

Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an AMP. Otherwise, enter "NO."

AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 9c: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

▼ **Continue only if "Alternate Monitoring Parameters" is "NO."**

★ **Complete "Regeneration" only if "Control Device Type" is "CADS."**

Regeneration:

Enter "YES" if the carbon bed is regenerated directly on site. Otherwise, enter "NO."

★ **Complete "Performance Test" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB"**

Performance Test:

Enter "YES" if performance tests are being conducted using the test methods and procedures specified in 40 CFR § 63.145(i). Otherwise, enter "NO."

★ **Complete "95% Reduction Efficiency" only if "Performance Test" is "YES."**

95% Reduction Efficiency:

Enter "YES" if complying with the 95 percent reduction efficiency requirement. Otherwise, enter "NO."

★ **Complete "Monitoring Options" only if "Alternate Monitoring Parameters" is "NO" and "Control Device Type" is "FLARE," "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB."**

Monitoring Options:

Select the monitoring option that describes the monitoring parameters being used for the control device. Enter the code on the form.

For control devices other than scrubbers and non-regenerative carbon adsorbers

Code	Description
TABLE13	Control device is using the monitoring parameters specified in Table 13
ORGMON	Control device is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)

For non-regenerative carbon adsorbers

Code	Description
ORGMON	Non-regenerative carbon adsorber is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)
REPLACE	Non-regenerative carbon adsorber is replacing the carbon at a predetermined replacement interval for scrubbers
Code	**Description**
ORGMON	Scrubber is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)

★ **Complete "Continuous Monitoring" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB" and "Monitoring Options" is "TABLE13" or "ORGMON".**

Alternate Monitoring System:

Enter "YES" if an alternate continuous monitoring system is requested and approved. Otherwise, enter "NO."

Alternate Monitoring ID No.:

If alternative continuous monitoring has been approved under 40 CFR § 63.506(g), then enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 10a: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**

★ **Complete Table 10 only for oil-water separators at sources that produce a thermoplastic other than polystyrene, acrylonitrile styrene acrylate resin (ASA) or alpha methyl styrene acrylonitrile resin (AMSAN) that receive, manage, or treat non-process or process wastewater streams subject to 40 CFR Part 63, Subpart JJJ.**

Unit ID No.:

Enter the identification number (ID No.) (maximum 10 characters) for the oil-water separator as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Process Wastewater:

Enter "YES" if the oil-water separator receives, manages, or treats process wastewater streams (as defined in 40 CFR Part 63, Subpart F or from the routine washing or rinsing of batch equipment between batches). Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.149(d)" Only if "Process Wastewater" is "NO."**

Meets 40 CFR § 63.149(d):

Enter "YES" if the oil-water separator meets the criteria of 40 CFR § 63.149(d) or the criteria in 40 CFR § 63.149(e)(1). Otherwise, enter "NO."

▼ **Do not continue if "Process Wastewater" is "NO" and "Meets 40 CFR § 63.149(d)" is "NO."**

Control Requirement:

Select one of the following options to describe the control of the oil-water separator. Enter the code on the form.

For Oil-Water Separators used to comply with 40 CFR § 63.1330 by complying with the requirements of 40 CFR § 63.149(d)(1) select from the following list.

Code	Description
FIXED	Fixed roof with vapors routing to a process or to a fuel gas system
CVS	Closed vent system that routes vapors to a control device that meets the requirements of 40 CFR § 63.139(c)
FLOAT	Floating roof that meets the equipment specifications of 40 CFR § 60.693(a)(1)(i), (a)(1)(ii), (a)(2), (a)(3), and (a)(4)

For Oil-Water Separators used to comply with 40 CFR § 63.1330 by complying with the requirements of 40 CFR § 63.137(a) select from the following list.

Code	Description
COVER	Fixed roof and a closed vent system that routes the organic hazardous air pollutant vapors vented from the oil-water separator to a control device
FLOAT	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ only
FLOAT+	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ with fixed roof and closed vent system over portions (e.g., a weir) of the oil-water separator
EEL	Equivalent means of emission limitation approved by the EPA Administrator

EEL ID No.:

If an equivalent emission limitation (EEL) has been approved, then enter the corresponding EEL unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the EEL approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Floating Roof Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an alternate monitoring parameter (AMP) for the floating roof. Otherwise, enter "NO."

Floating Roof AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Continue only if "Control Requirement" is "CVS," "COVER" or "FLOAT+."**

Table 10b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Closed Vent System:

Select the option that describes the operation of the closed vent system. Enter the code on the form.

Code	Description
PRESS	Closed vent system is maintained under negative pressure
SUBPTG	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148
SUBPTH	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172

★ **Complete "By-pass Lines" only if "Closed Vent System" is "SUBPTG" or "SUBPTH."**

By-pass Lines:

Select the option that describes by-pass lines on the closed vent system. Enter the code on the form.

Code	Description
NONE	No by-pass lines
FLOWIND	By-pass lines are monitored by flow indicators
CARSEAL	By-pass line valves are secured in the closed position with a car-seal or lock-and-key configuration

★ **Complete "Combination of Control Devices" only if "Process Wastewater" is "NO."**

Combination of Control Devices:

Enter "YES" if the vent stream is treated using a combination of control devices. Otherwise, enter "NO."

If the response to "Combination of Control Devices" is "YES," complete one additional row on the form for each additional control device. Each row must have a unique SOP Index No.

Control Device Type:

Select one of the following options for the control device. Enter the code on the form.

Code	Description
FLARE	Flare
BPH-44+	Boiler or process heater with a design heat input capacity greater than or equal to 44 MW
BPH-VNT	Boiler or process heater into which the vent stream is introduced with primary fuel
BPH-HAZ	Boiler or process heater burning hazardous waste
HAZINC	Hazardous waste incinerator
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
BPH	Boiler or process heater not described above
OTHENC	Other enclosed combustion device
CADS	Carbon adsorber
COND	Condenser
OTHVRS	Other vapor recovery system
SCRUB	Scrubber used as a control device
OTHER	Other control device

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 10 characters. This number should be consistent with the control device identification number) listed on Form OP-SUM. If there is no control device, then leave this column blank.

★ **Complete "Compliance with 40 CFR § 63.139(c)(1)" only if "Control Device Type" is "VAPTH", "VAPCAT", "BPH" or "OTHENC."**

Compliance with 40 CFR § 63.139(c)(1):

Select one of the following options that describes the method of compliance specified in 40 CFR § 63.139(c)(1). Enter the code on the form.

Code	Description
C1I	The enclosed combustion device being used meets the 95% reduction provisions specified in 40 CFR § 63.139(c)(1)(i)
C1II	The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)
C1III	The enclosed combustion device being used meets the 0.5 second residence time at 760° C provisions specified in 40 CFR § 63.139(c)(1)(iii)

Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an AMP. Otherwise, enter "NO."

AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 10c: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63). Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

▼ **Continue only if "Alternate Monitoring Parameters" is "NO."**

★ **Complete "Regeneration" only if "Control Device Type" is "CADS."**

Regeneration:

Enter "YES" if the carbon bed is regenerated directly on site. Otherwise, enter "NO."

★ **Complete "Performance Test" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB."**

Performance Test:

Enter "YES" if performance tests are being conducted using the test methods and procedures specified in 40 CFR § 63.145(i). Otherwise, enter "NO."

★ **Complete "95% Reduction Efficiency" only if "Performance Test" is "YES."**

95% Reduction Efficiency:

Enter "YES" if complying with the 95 percent reduction efficiency requirement. Otherwise, enter "NO."

★ **Complete "Monitoring Options" only if "Alternate Monitoring Parameters" is "NO" and "Control Device Type" is "FLARE," "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB."**

Monitoring Options:

Select the monitoring option that describes the monitoring parameters being used for the control device. Enter the code on the form.

For control devices other than scrubbers and non-regenerative carbon adsorbers

Code	Description
TABLE13	Control device is using the monitoring parameters specified in Table 13
ORGMON	Control device is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)

For non-regenerative carbon adsorbers

Code	Description
ORGMON	Non-regenerative carbon adsorber is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)
REPLACE	Non-regenerative carbon adsorber is replacing the carbon at a predetermined replacement interval for scrubbers.

Code	Description
ORGMON	Scrubber is using an organic monitoring device as allowed under 40 CFR § 63.143(e)(2)

★ **Complete "Continuous Monitoring" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH," "CADS," "COND" or "SCRUB" and "Monitoring Options" is "TABLE13" or "ORGMON."**

Alternate Monitoring System:

Enter "YES" if an alternate continuous monitoring system is requested and approved. Otherwise, enter "NO."

Alternate Monitoring ID No.:

If alternative continuous monitoring has been approved under 40 CFR § 63.1335(g), then enter the corresponding unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

★ **Complete Tables 11a -11c only for oil-water separators that receive, manage, or treat non-process or process wastewater streams at MCPUs that meet criteria in 40 CFR § 63.2435(a)-(b) and § 63.2485 and that are not complying with the pollution prevention alternative standards §63.2495(a)(1) and (2) in lieu of the emission limitations and work practice standards contained in Table 7.**

Unit ID No.:

Enter the identification number (ID No.) (maximum 10 characters) for the oil-water separator as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Process Wastewater:

Enter "YES" if the oil-water separator receives, manages, or treats process wastewater streams as defined in 40 CFR Part 63, Subpart F and 40 CFR § 63.2485(b). Otherwise, enter "NO."

★ **Complete "Meets 40 CFR § 63.149(d)" only if "Process Wastewater" is "NO."**

Meets 40 CFR § 63.149(d):

Enter "YES" if the oil-water separator meets the criteria of 40 CFR § 63.149(d) or the criteria in 40 CFR § 63.149(e)(1). Otherwise, enter "NO."

▼ **Do not continue if "Process Wastewater" is "NO" and "Meets 40 CFR § 63.149(d)" is "NO."**

Unit Category:

Select one of the following options for the oil/water separator category. Enter the code on the form.

Code	Description
TBLE35	Oil/water separator complies with 40 CFR § 63.149(a)
O/WSEP	Oil/water separator complies with 40 CFR § 63.137(a)

Control Requirement:

Select one of the following options to describe the control of the oil-water separator used to comply with 40 CFR § 63.2485(a). Enter the code on the form.

For Oil-Water Separators complying with the requirements of 40 CFR § 63.149(d)(1) ["Unit Category" is "TBLE35"] select from the following list.

Code	Description
FIXED	Fixed roof with vapors routing to a process or to a fuel gas system
CVS	Closed vent system that routes vapors to a control device that meets the requirements of 40 CFR § 63.139(c)
FLOAT1	Floating roof that meets the equipment specifications of 40 CFR § 60.693(a)(1)(i), (a)(1)(ii), (a)(2), (a)(3), and (a)(4)

For Oil-Water Separators complying with the requirements of 40 CFR § 63.137(a) ["Unit Category" is "O/WSEP"] select from the following list.

Code	Description
COVER	Fixed roof and a closed vent system that routes the organic hazardous air pollutant vapors vented from the oil-water separator to a control device
FLOAT2	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ only
FLOAT2+	Floating roof meeting the requirements in Title 40 CFR part 60, Subpart QQQ with fixed roof and closed vent system over portions (e.g., a weir) of the oil-water separator
EEL	Equivalent means of emission limitation approved by the EPA Administrator

EEL ID No.:

If an equivalent emission limitation (EEL) has been approved, then enter the corresponding EEL unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, then enter the date of the EEL approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Floating Roof Alternate Monitoring Parameters:

Enter "YES" if the EPA Administrator has approved an alternate monitoring parameter (AMP) for the floating roof. Otherwise, enter "NO."

Floating Roof AMP ID No.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

▼ **Continue only if "Control Requirement" is "CVS," "COVER" or "FLOAT2+."**

Table 11b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Closed Vent System:

Select the option that describes the operation of the closed vent system. Enter the code on the form.

Code	Description
PRESS	Closed vent system is maintained under negative pressure
SUBPTG	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148
SUBPTH	Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.172

★ **Complete "By-pass Lines" only if "Closed Vent System" is "SUBPTG" or "SUBPTH."**

By-pass Lines:

Select the option that describes by-pass lines on the closed vent system. Enter the code on the form.

Code	Description
NONE	No by-pass lines
FLOWIND	By-pass lines are monitored by flow indicators
CARSEAL	By-pass line valves are secured in the closed position with a car-seal or lock-and-key configuration

★ **Complete "Combination of Control Devices" if "Control Requirement" is "COVER" or "FLOAT2+."**

Combination Of Control Devices:

Enter "YES" if the vent stream is treated using a combination of control devices. Otherwise, enter "NO."

If the response to "Combination of Control Devices" is "YES," complete one additional row on the form for each additional control device. Each row must have a unique SOP Index No.

Control Devices:

Select one of the following options that describe the control device. Enter the code on the form.

Code	Description
FLARE	Flare
BPH-44+	Boiler or process heater with a design heat input capacity greater than or equal to 44 MW
BPH-VNT	Boiler or process heater into which the emission stream is introduced with primary fuel
BPH-HAZ	Boiler or process heater burning hazardous waste meeting 40 CFR § 63.139(d)(4)(iii)
HAZINC	Hazardous waste incinerator
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
BPH-44-	Boiler or process heater with a design heat capacity less than 44MW and into which the emission stream is not introduced with the primary fuel
OTHENC	Other enclosed combustion device
CADS	Carbon adsorber
COND	Condenser
SCRUB	Scrubber
OTHVRS	Other vapor recovery system
OTHER	Other control device

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 10 characters. This number should be consistent with the control device identification number) listed on Form OP-SUM. If there is no control device, then leave this column blank.

★ **Complete "Compliance with 40 CFR § 63.139(c)(1) only if "Control Device Type" is "VAPTH", "VAPCAT", "BPH-44-" or "OTHENC."**

Compliance With 40 CFR § 63.139(c)(1):

Select one of the following options that describes the method of compliance specified in 40 CFR § 63.139(c)(1). Enter the code on the form.

Code	Description
C1I	The enclosed combustion device being used meets the 95% reduction provisions specified in 40 CFR § 63.139(c)(1)(i)
C1II	The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)
H3	The enclosed combustion device being used meets the 20 ppmv concentration provisions but using alternate method specified in 40 CFR § 63.2485(h)(3) in lieu of 40 CFR § 63.139(c)(1)(ii)
C1III	The enclosed combustion device being used meets the 0.5 second residence time at 760 C provisions specified in 40 CFR § 63.139(c)(1)(iii)

Halogenated:

Select one of the following codes that describe the halogen characteristic of the stream. Enter the code on the form.

Code	Description
DES	The stream is designated as halogenated
DET	The stream is determined as halogenated
NON	The stream is determined as non-halogenated

Table 11c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing

Unit ID No.:

Enter the identification number (ID No.) for the oil-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Halogen Reduction" only if "Halogenated" is "DES" or "DET" and "Control Device Type" is "FLARE," "BPH-44+," "BPH-VNT," "BPH-HAZ," "HAZINC," "VAPTH," "VAPCAT," "BPH-44-," or "OTHENC."**

Halogen Reduction:

Select one of the following codes that describes the halogen reduction device emission limit. Enter the code on the form.

Code	Description
AFT20-	The halogen reduction device is located after the combustion control device and is reducing overall emissions of hydrogen halide and halogen HAP to a concentration ≤ 20 ppmv
AFT45-	The halogen reduction device is located after the combustion device and is reducing the overall emissions of hydrogen halide and halogen HAP to ≤ 0.45 kg/hr
AFT99+	The halogen reduction device is located after the combustion device and is reducing overall emissions of hydrogen and halogen HAP by ≥99 percent
BEF	The halogen reduction device is located before the combustion control device and is reducing the halogen atom mass emission rate to ≤ 0.45 kg/hr or to a concentration ≤ 20 ppmv

Alt 63G Mon Parameters:

Enter "YES" if the EPA Administrator has approved an AMP. Otherwise, enter "NO."

AMP ID NO.:

If an AMP has been approved, then enter the corresponding AMP unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AMP approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

▼ **Continue only if "Alt 63G Mon Parameters" is "NO."**

★ Complete **"Regeneration" only if "Control Devices" is "CADS."**

Regeneration:

Enter "YES" if the carbon bed is regenerated onsite. Otherwise, enter "NO."

★ **Complete "Performance Test" only if "Control Device Type" is "VAPTH," "VAPCAT," "BPH-44-," "CADS," "COND," or "SCRUB."**

Performance Tests:

Enter "YES" if performance tests are used to demonstrate that the control device or combination of control devices achieves the appropriate conditions. Otherwise, enter "NO."

★ **Complete "2485H3" only if "Performance Tests" is "YES" and "Control Devices" is "VAPTH" or "VAPCAT."**

2485(h)(3):

Enter "YES" if the method in 40 CFR § 63.2485(h)(3) is used in lieu of 40 CFR § 63.145(i)(2). Otherwise, enter "NO."

★ **Complete "95% Performance Tests" only if "Performance Tests" is "YES."**

95% Performance Tests:

Enter "YES" if the performance tests are conducted to demonstrate compliance with 95% reduction efficiency. Otherwise, enter "NO."

★ **Complete "Monitoring Options" only if "Alt 63G Mon Parameters" is "NO" and "Control Device Type" is "VAPTH," "VAPCAT," "BPH-44-," "CADS," or "COND."**

Monitoring Options:
Select the monitoring option that describes the monitoring parameters being used for the control device. Enter the code on the form.

For control devices other non-regenerative carbon adsorbers

Code	Description
TABLE13	Control device is using the monitoring parameters specified in Table 13
ORGMON	Control device is using an organic monitoring device as allowed under § 63.143(e)(2)

For non-regenerative carbon adsorbers

Code	Description
ORGMON	Non-regenerative carbon adsorber is using an organic monitoring device as allowed under § 63.143(e)(2)
REPLACE	Non-regenerative carbon adsorber is replacing the carbon at a predetermined replacement interval

For scrubbers

Code	Description
ORGMON	Scrubber is using an organic monitoring device as allowed under § 63.143(e)(2)

Table 12a: Title 40 Code of Federal Regulations Part 63 (CFR Part 63), Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

★ **Complete this table only for facilities performing site remediation that are a major source of HAP emissions or are co-located at a facility with stationary sources that are a major source of HAP emissions and do not qualify for §§63.7881(a), or (b) exemptions.**

Unit ID No.:

Enter the identification number (ID No.) for the oil-water or organic-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Means of Compliance:

Select one of the following options for means of compliance with this rule. Enter the code on the form.

Code	Description
ASUB	Water separator is also subject to another subpart under 40 CFR part 61 or part 63 and complying with the applicable emission limitations and work practice standards in the other subpart
AMOC	Alternative means of compliance (AMOC) to the work practice standards in 40 CFR § 63.7910 is being used
PRES	Water separator uses a pressurized separator that operates according to the requirements of 40 CFR § 63.1045
FLOAT	Water separator uses a floating roof according to requirements in 40 CFR § 63.1043
CVSCD	Water separator uses a fixed roof that is vented through a closed vent system to a control device per 40 CFR § 63.7910(b)(2)

★ **Complete "AMOC ID No." only if "Means of Compliance" is "AMOC."**

AMOC ID No.:

If an AMOC has been approved, enter the corresponding AMOC unique identifier (maximum 10 characters) for each unit or process. If the unique identifier is unavailable, enter the date of the Alternative Standards approval letter. The unique identifier and/or the date of the approval letter are contained in the compliance file under the appropriate permit number. Otherwise, leave this column blank.

▼ **Continue only if "Means of Compliance" is "CVSCD."**

Control Device:

Select one of the following options for the type of control device that is used. Enter the code on the form.

Code	Description
CASR	Regenerable carbon adsorption system
CASNR	Non-regenerable carbon adsorption system
COND	Condenser
VAPTH	Thermal vapor incinerator
VAPCAT	Catalytic vapor incinerator
BPH	Boiler or process heater
FLARE	Flare

Control Device ID No.:

Enter the identification number (ID No.) for the device to which this water separator routes emissions (maximum 10 characters). This number should be consistent with the number listed on Form OP-SUM. If there is no control device, leave this column blank.

Alternative Work Practice Standards:

Enter "YES" if an alternative to work practice standard for the closed vent system and control device has been approved by EPA. Otherwise, enter "NO."

Alternative Work Practice Standards ID No.:

If an Alternative Work Practice Standard has been approved, then enter the corresponding Alternative Standard unique identifier for each unit or process (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the Alternative Standard approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

Table 12b — Title 40 Code of Federal Regulations Part 63 (CFR Part 63), Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation

Unit ID No.:

Enter the identification number (ID No.) for the oil-water or organic-water separator (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:

Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-*XXXX*]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Design Evaluation" only if "Control Device" is "CASR," "CASNR", "COND," "VAPTH," "VAPCAT," or "BPH."**

Design Evaluation:

Enter "YES" if design evaluation is used to demonstrate initial control device compliance. Otherwise, enter "No."

Bypass Device**:**

Select the option that describes the bypass device on the closed vent system. Enter the code on the form.

Code	Description
NONE	No bypass device
FLOW	Bypass device is equipped with a flow indicator
FLOW-H	Bypass device is equipped with a flow indicator and the closed vent system is inspected and monitored as specified in 40 CFR § 63.7927(a)(1)(ii)
SEAL	Bypass device is equipped with a seal or locking device
SEAL-H	Bypass device is equipped with a seal or locking device and the closed vent system is inspected and monitored as specified in 40 CFR § 63.7927(a)(1)(ii)

Continuous Emissions Monitoring System (CEMS):

Enter "YES" if a continuous emissions monitoring system is used to monitor the control device. Otherwise, enter "NO."

CVSCD Continuous Compliance:

Select one of the following options for closed vent system setup to determine means of continuous compliance.

Code	Description
NOEM	The closed vent system is designed to operate with no detectable organic emissions, as specified in 40 CFR § 63.7928(b)(1)
BAP	The closed vent system is designed to operate below atmospheric pressure, as specified in 40 CFR § 63.7928(b)(2)
CVS-H	The closed vent system is monitored as specified in 40 CFR § 63.7928(b)(5)

Water Separator Attributes
Form OP-UA14 (Page 1)
Federal Operating Permit Program
Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Water Separation
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement (ACR)	ACR ID No.	Exemption	Emission Control Option	Control Device	Control Device ID No.
SMPTNK1	SMPTNK1	NO		ATVP			

Water Separator Attributes
Form OP-UA14 (Page 2)
Federal Operating Permit Program
Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP Index No.	Control	Emissions Control	No Detectable Organic Emissions	Inspected and Monitored	By-pass Device	Flow Meter	Design Analysis
SMPTNK1	SMPTNK1	NO						

Water Separator Attributes
Form OP-UA14 (Page 3)
Federal Operating Permit Program
Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Operating Parameters	AOP ID No.	HAP Recovery	Regenerable Carbon Adsorber	Exhaust Stream Temperature Monitor

Water Separator Attributes
Form OP-UA14 (Page 4)
Federal Operating Permit Program
Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart VV: National Emission Standards for Oil-Water Separators and Organic-Water Separators
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	HAP Destruction	Organic Monitoring Device	Meets 40 CFR § 63.693(f)(1)(iii)	95% HAP Destruction	BPH TOC Destruction	95% TOC Destruction	Meets 40 CFR § 63.693(g)(1)(iii)	Introduced With Fuel	Continuous Temperature Monitoring System

Water Separator Attributes
Form OP-UA14 (Page 5)
Federal Operating Permit Program
Table 3a: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Subject to Another Subpart of 40 CFR Parts 61 or 63	Exempt from § 63.683(b)	HAP < 1 MG Per Year	Numerical Concentration Limits	Treated Organic Hazardous Constituents	Air Emission Controls	Direct Measurement

Water Separator Attributes
Form OP-UA14 (Page 6)
Federal Operating Permit Program
Table 3b: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Emissions Control	Inspected and Monitored	By-pass Device	Flow Meter	Design Analysis	No Detectable Organic Emissions

Water Separator Attributes
Form OP-UA14 (Page 7)
Federal Operating Permit Program
Table 3c: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Operating Parameters	AOP ID No.	HAP Recovery	Regenerable Carbon Adsorber	Complying with § 63.693(d)(4)(iii)	Exhaust Stream Temperature Monitor

Water Separator Attributes
Form OP-UA14 (Page 8)
Federal Operating Permit Program
Table 3d: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart DD: National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	HAP Destruction	Organic Monitoring Device	Meets 40 CFR § 63.693(f)(1)(iii)	95% HAP Destruction	BPH TOC Destruction	95% TOC Destruction	Meets 40 CFR § 63.693(g)(1)(iii)	Introduced With Fuel	Continuous Temperature Monitoring System

Water Separator Attributes
Form OP-UA14 (Page 9)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Alternative Means of Emission Limitation (AMEL)	AMELID No.	Alternative Standard	Capacity< 38 L/s	Electing to Comply With § 60.693-2	Capacity

Water Separator Attributes
Form OP-UA14 (Page 10)
Federal Operating Permit Program
Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart QQQ: Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Control Device	Control Device ID No.	Alternative Monitoring	Regenerate Onsite

Water Separator Attributes
Form OP-UA14 (Page 11)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternate Means of Compliance	AMOC ID No.	Alternative Standards for Oil-Water Separator	Floating Roof	Floating Roof Portion Feasibility	Fuel Gas System	Cover and Closed Vent	Closed Vent System and Control Device AMOC	CVS/CD AMOC ID No.

Water Separator Attributes
Form OP-UA14 (Page 12)
Federal Operating Permit Program
Table 5b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Oil-Water Separators)
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	By-pass Line	By-pass Line Valve	Control Device Type/ Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval

Water Separator Attributes
Form OP-UA14 (Page 13)
Federal Operating Permit Program
Table 6a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart L: National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Initial Startup Date	AMEL	AMEL ID No.	Subject to 40 CFR § 61.133

Water Separator Attributes
Form OP-UA14 (Page 14)
Federal Operating Permit Program
Table 6b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart L: National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Furnace or Foundry	Title 40 CFR § 61.132(a)(2)(i) Devices	Open to Atmosphere	Alternative Control Device	Control Device ID No.

Water Separator Attributes
Form OP-UA14 (Page 15)
Federal Operating Permit Program
Table 7a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	New Source	Control Requirement	Oil-Water Separator Type	Designated Group 1	EEL ID No.	Floating Roof Alternate Monitoring Parameters	Floating Roof AMP ID No.

Water Separator Attributes
Form OP-UA14 (Page 16)
Federal Operating Permit Program
Table 7b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Negative Pressure	Closed Vent System	By-pass Lines	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with 40 CFR § 63.139(c)(1)

Water Separator Attributes
Form OP-UA14 (Page 17)
Federal Operating Permit Program
Table 7c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry Wastewater
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Alternate Monitoring Parameters	AMP ID No.	Regeneration	Performance Test	95% Reduction Efficiency	Monitoring Options	Continuous Monitoring	Continuous Monitoring Alt ID No.

Water Separator Attributes
Form OP-UA14 (Page 18)
Federal Operating Permit Program
Table 8a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form

Water Separator Attributes
Form OP-UA14 (Page 19)
Federal Operating Permit Program
Table 8b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form

Water Separator Attributes
Form OP-UA14 (Page 20)
Federal Operating Permit Program
Table 8c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

This table has been removed from the form

Water Separator Attributes
Form OP-UA14 (Page 21)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Control Requirement	EEL ID No.	Floating Roof Alternate	Floating Roof AMP ID No.

Water Separator Attributes
Form OP-UA14 (Page 22)
Federal Operating Permit Program
Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	By-pass Lines	Combination of Control Devices	Control Device Type	Control Device ID No.	Compliance with § 63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Water Separator Attributes
Form OP-UA14 (Page 23)
Federal Operating Permit Program
Table 9c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Regeneration	Performance Test	95% Reduction	Monitoring Options	Alternate Monitoring System	Alternate Monitoring System ID No.

Water Separator Attributes
Form OP-UA14 (Page 24)
Federal Operating Permit Program
Table 10a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Control Requirement	EEL ID No.	Floating Roof Alternate	Floating Roof AMP ID No.

Water Separator Attributes
Form OP-UA14 (Page 25)
Federal Operating Permit Program
Table 10b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	By-pass Lines	Combination Of Control Devices	Control Device Type	Control Device ID No.	Compliance with § 63.139(c)(1)	Alternate Monitoring Parameters	AMP ID No.

Water Separator Attributes
Form OP-UA14 (Page 26)
Federal Operating Permit Program
Table 10c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Regeneration	Performance Test	95% Reduction	Monitoring Options	Alternate Monitoring System	Alternate Monitoring System ID No.

Water Separator Attributes
Form OP-UA14 (Page 27)
Federal Operating Permit Program
Table 11a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Process Wastewater	Meets 40 CFR § 63.149(d)	Unit Category	Control Requirement	EEL ID No	Floating Roof Alternate Monitoring Parameters	Floating Roof AMP ID No.

Water Separator Attributes
Form OP-UA14 (Page 28)
Federal Operating Permit Program
Table 11b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Closed Vent System	By-pass Lines	Combination of Control Devices	Control Devices	Control Device ID No	Compliance With 40 CFR §63.139(c)(1)	Halogenated

Water Separator Attributes
Form OP-UA14 (Page 29)
Federal Operating Permit Program
Table 11c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Halogen Reduction	Alt 63G Mon Parameters	AMP ID No.	Regeneration	Performance Tests	2485(h)(3)	95% Performance Tests	Monitoring Options

Water Separator Attributes
Form OP-UA14 (Page 30)
Federal Operating Permit Program
Table 12a: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Means of Compliance	AMOC ID No.	Control Device	Control Device ID No.	Alternative Control Device Standards	Alternative Control Device Standard ID No.

Water Separator Attributes
Form OP-UA14 (Page 31)
Federal Operating Permit Program
Table 12b: Title 40 Code of Federal Regulations Part 63 (40 CFR 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance

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

General:

This form is used for federal operating permit (FOP) revision and renewal applications only. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

As a general procedure, when applying for a FOP revision or renewal, only the changes that are the subject of the revision need to be addressed in this form. For the preconstruction authorization section, only include information for the new or changed preconstruction authorization numbers.

The term "unit" in these instructions have the meaning of "emission unit" as defined in Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122). The term "process" refers to a collection of units or devices that have a physical relationship, or source cap, where a regulatory requirement is potentially applicable to the process as a whole. Additional information on process is discussed on Form OP-SUM. Units and processes must be identified when they are to be added to or removed from the permit, or when they are to be added to or removed from a group.

For information regarding units, groups and processes that must be addressed in an application and information regarding preconstruction authorizations, refer to Form OP-SUM (Individual Unit Summary), the Unit Attribute (UA) forms (which are located at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html), or the TCEQ guidance document located at www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf.

The Company Name and Area name (from Form OP-1, Section I and X, respectively) must appear in the header of each page for the purpose of identification. The date of submittal must also be included and should be consistent throughout the application (*MM/DD/YYYY*). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RN*XXXXXXXXX*) and (FOP) Permit Number (O*XXXX*).

Specific:

Table 1

Complete Table 1 if the revision is adding a new emission unit, emission point, or process or deleting an existing emission unit, emission point, or process. Table 2 is not required unless the revision includes an emission unit, emission point, or process being added to or deleted from a group.

Deleting a unit on this form will also serve to delete the unit from a group as well as delete any associated requirements in the Applicable Requirements Summary in the issued permit. These deletions will not need to be represented on Form OP-REQ3 (Applicable Requirements Summary).

Unit/Process

Action Indicator (AI):
Enter "A" if the emission unit, emission point, or process indicated is an addition to the existing permit. Enter "D" if the existing emission unit, emission point, or process indicated is being deleted from the permit. If an emission unit, emission point, or process is not being added/deleted from the permit, leave blank.

Revision No.:
Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

ID No.:
For emission units, processes, or emission points with potentially applicable requirements that are being added to the permit, enter the facility identification numbers (FINs) or emission point numbers (EPNs) as listed in the TCEQ State of Texas Air Reporting System (STARS). If the FIN or EPN currently does not exist in the STARS, then a new identification number (ID No.) that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.

Applicable Form:
Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html for a list of UA forms. Enter the UA Form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on Form OP-SUMR for the emission unit, emission point, or process.

Name/Description:
For emission units, emission points, or processes being added to the permit, enter a text name or description for the unit from the STARS whenever possible (maximum 50 characters). If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

★ **Complete "CAM" only if the revision incorporates requirements for 40 CFR Part 64, Compliance Assurance Monitoring (CAM).**

The following question relating to CAM is for reference only. Certification by the Responsible Official (RO) pursuant to 30 TAC § 22.165 does not extend to the information which is designated on forms as "for reference only."

CAM:
Indicate if the unit is subject to CAM, by placing a "Y" in the box next to the unit. Please refer to 40 CFR Part 64 to determine applicability.

Note: For each new emission unit or emission point, at least one preconstruction authorization must be indicated; however, an emission unit or emission point may have multiple authorizations. Preconstruction authorizations listed on this form should also be identified on Form OP-REQ1.

30 TAC Chapter 116/30 TAC Chapter 106:
List all 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations, including PBR registration numbers, under which the unit or process is operating. Use additional lines to list multiple authorizations.

1. **Permit Number:** Enter the TCEQ NSR permit number(s) (*XXXXX*), for example, 12345. This includes special permits and standard permit registrations. Do not enter PSD permits and nonattainment permits.
2. **Permit by Rule *(previously called Standard Exemption)*:** For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number and effective date in the appropriate format shown below.

Note: If units authorized by PBRs are being added or deleted or PBR registration numbers are being added or deleted, these changes must also be identified on Form OP-PBRSUP.

Format	**PBR/Standard Exemption Claimed or Registered Date**
106.*XXX/MM/DD/YYYY[rrrr]*	Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)
XXX/MM/DD/YYYY[rrrr]	Authorized prior to March 14, 1997

Format *XXX* = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

MM/DD/YYYY = Standard exemption or PBR effective date, approval date, or modification completion date. Information on Chapter 116 version dates is available at www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html.

Information on Chapter 106 version dates is available at www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html.

[rrrr] = Registration number for the authorization. If multiple registration numbers apply, list them separated by commas. Examples: Standard exemptions and PBRs would be reflected in Form OP-SUMR as follows:

Authorization	**Std. Ex./PBR No.**	**Date Authorized**	**Format**
Authorized on or after March 14, 1997	106.473	July 25, 1997	106.473/03/14/1997[1010, 2020]
Authorized prior to March 14, 1997	53	October 20, 1990	53/09/12/1989[1010, 2020]

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116, and each standard exemption had an assigned number (e.g., 112). Standard exemptions moved into 30 TAC Chapter 106 on March 14, 1997. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and is now referred to as a PBR. Information regarding PBRs may be found on the TCEQ website at www.tceq.texas.gov/permitting/air/nav/air_pbr.html.

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as 6/07/20/1992[rrrr], where [rrrr] is the registration number. As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as 106.512/03/14/1997[rrrr], where [rrrr] is the registration number.

Also, please note that as of August 1, 2020, PBR registration numbers are required to be submitted on this form.

Title I:

List all Title I preconstruction authorization (PSD and nonattainment permits) for which the unit is operating. Use multiple lines to list all authorizations. If no Title I preconstruction authorizations apply to the unit, please leave this field blank.

1. **Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTX*XXX*), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTX*XXX*M*XX*), for example, PSDTX123M5.
2. **Nonattainment Permit:** Enter each nonattainment permit number (N*XXXXX*), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (N*XXX*M*XX*), for example, N123M5.

Table 2

Complete Table 2 only if an emission unit, emission point, or process is being added to or deleted from a group.

Revision No.:
Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision.

ID No.:
Enter the identification numbers (ID No.) as listed on Table 1 for the emission units, processes, or emission points. If Table 1 is not required, for emission units, processes, or emission points being added to the permit, enter the FINs or EPNs as listed in the STARS for emission units, processes, or emission points with potentially applicable requirements. If the FIN or EPN currently does not exist in the STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant. For existing units, enter the ID No. that is currently identified in the issued federal operating permit.

Note: The ID Nos. listed in the "ID No." column cannot begin with "GRP," the character sequence reserved for group ID Nos.

Applicable Form:
Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flare Attributes"). See www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html for a list of UA forms. Enter "OP-ACPS," if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if all of the following are true:

1. negative applicability is shown through the use of Form OP-REQ2;
2. no unit attribute information is used to substantiate the negative applicability; and
3. the emission unit, emission point, or process has no positive applicability.

The applicable form entered on Form OP-REQ2 must match the applicable form entered on form OP-SUMR for the emission unit, emission point, or process.

Group AI:
Enter "A" if the emission unit, emission point, or process identified in the "ID No." column is being added to a group. Enter "D" if the existing emission unit, emission point, or process identified in the "ID No." column is being deleted from a group. If the revision item does not add or delete an emission unit, emission point, or process to or from a group, leave blank.

Group ID No.:
If applicable, enter the unique ID No. for the group (for purposes of completing the unit attribute and applicable requirement forms) in the appropriate format. If the revision item does not add or delete an emission unit, emission point or process to or from a group, leave blank.

Code Format	Description
GRP*XXXXXX*	Identification number of the group for which the unit is a member

(First three characters must be "GRP")

Table 3

Complete Table 3 only for Affected Sources that are subject to the following Program(s): Acid Rain, Cross-State Air Pollution Rule (CSAPR), and/or Texas SO_2 Trading Program.

General:

The Acid Rain Program Permit Requirements, as defined in 30 TAC Chapter 122, Subchapter E, require that the Designated Representative (DR) or Alternate Designated Representative (ADR) submit a permit application for each facility (affected source) with an affected unit. A complete permit application is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the permitting authority either issues a permit to the source or disapproves the application. The responsibilities of the Designated Representative and Alternate Designated Representative of a CSAPR source, as defined in 40 CFR Part 97 (CSAPR NO_x and SO_2 Trading Programs), require that each submission under an applicable CSAPR Trading Program shall be made, signed, and certified by the Designated Representative or Alternate Designated Representative for each CSAPR source and CSAPR unit for which the submission is made.

Any reference in these instructions to the Designated Representative (DR) means the Acid Rain Designated Representative and/or the CSAPR Designated Representative, as applicable. Any reference to the Alternate Designated Representative (ADR) means the Alternate Acid Rain Designated Representative and/or the Alternate CSAPR Designated Representative, as applicable. As reflected in this form, the Acid Rain Designated Representative and the CSAPR Designated Representative for a facility (source) must be the same individual, and the Alternate Acid Rain Designated Representative and the Alternate CSAPR Designated Representative for a facility (source) must be the same individual, if such a facility (source) has units subject to the Acid Rain and CSAPR Programs.

Affected Source Plant Code:
A plant code is a 4 or 5 digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, "plant code" is synonymous with "ORISPL" and "facility" codes. If the facility generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at EIA-860@eia.gov. For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with "88"). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at desantis.laurel@epa.gov.

Specific:

Unit ID No.:
Each affected unit must be assigned an identification number (maximum 10 characters). The identification number listed on Table 3 must be the same as the identification number listed on Table 1 of this form for the same unit.

Note: There may be differences between the Unit ID No. on the OP-SUMR and unit names from other sources such as EPA COR, EIA (ORIS), TCEQ SIP lists, etc. However, the Unit ID No. utilized for OP-SUMR, Table 3 must be consistent with those given on the OP-SUMR, Table 1.

Applicable Form:
Enter the number of the applicable UA form used on the first table of the OP-SUMR for the corresponding Unit ID No. If there is no applicable form listed on the first table of the OP-SUMR for the corresponding Unit ID, enter OP-UA1.

COR Unit ID No.:
Enter the unit identification number (maximum 10 characters) that is listed on the EPA Certificate of Representation (COR).

Acid Rain:
Enter YES for an affected unit subject to the Acid Rain Program (ARP). Otherwise, enter NO.

ARP Status:
Select one of the following options that describe the ARP status for that unit. Enter the code on the form.

Code	Description
EU	An existing affected unit with an existing Acid Rain permit
NEW	A new affected unit that does not have an existing Acid Rain permit (Applicant must also submit Form OP-AR1.)
RENEW	An existing affected unit with existing Acid Rain and/or CAIR permits for which the applicant is applying for a renewal (Applicant must also submit Form OP-AR1.)
NEXM	Applying for a new unit exemption under 40 CFR 72.7 (Applicant must also submit required additional information in a separate cover letter.)
REXM	Applying for a retired unit exemption under 40 CFR 72.8 (Applicant must also submit required additional information in a separate cover letter.)
OPT	A unit that is not an affected unit requiring an Acid Rain permit, but applicant is electing to become an affected unit as an "OPT-IN" in the Acid Rain program under 40 CFR Part 74 (Applicant must also submit required additional information in a separate cover letter.)

CSAPR:
Enter "YES," if the unit is subject to the requirements of 40 CFR Part 97, Subpart EEEEE (CSAPR NO_X Ozone Season Group 2 Trading Program). Otherwise, enter "NO."

CSAPR Monitoring:
Select one of the following options that describe the CSAPR NO_X Ozone Season Group 2 monitoring for that unit. Enter the code on the form.

Code	Description
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.
CEMSD	A gas or oil-fired unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X, and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
PEAK	A gas or oil-fired peaking unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO_X, and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO_X and heat input.
ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO_X and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart EEEEE (CSAPR NO_X Ozone Season Group 2 Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

Texas SO_2:
Enter "YES," if the unit is complying with the requirements of 40 CFR Part 97, Subpart FFFFF (Texas SO_2 Trading Program). Otherwise, enter "NO."

Texas SO_2 Monitoring:
Select one of the following options that describe the Texas SO_2 monitoring for that unit. Enter the code on the form.

Code	Description
CEMS	A unit that is 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.
CEMSD	A gas or oil-fired unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO_2 and heat input.
LME	A gas or oil-fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO_2 and heat input.

ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO_2 and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart FFFFF (Texas SO_2 Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

COR:

Enter YES to indicate that the applicant has submitted the COR to the EPA for the Acid Rain and CSAPR programs, as applicable, and has included a copy of the required COR to the TCEQ with this submittal. (Providing the required COR copy to TCEQ authorizes the DR (or ADR) to sign Form OP-CRO1, page 2, to certify Acid Rain and CSAPR program application submittals.)

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

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	GE-05	OP-UA2	Emergency Generator (Sumps)		106.511 09/04/2000	
A	2	GE-01	OP-UA2	Emergency Generator		106.511 09/04/2000	
A	3	DIESELTNK1	OP-UA3	Diesel Tank		106.473 09/04/2000	
A	4	GASTNK1	OP-UA3	Gasoline Tank		106.473 09/04/2000	
A	5	UOILTNK1	OP-UA3	Used Oil Tank		106.472 09/04/2000	

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
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Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
1	GE-05	OP-UA2	D	GRPENGS4
2	GE-01	OP-UA2	A	GRPENGS4
3	DIESELTNK1	OP-UA3	A	
4	GASTNK1	OP-UA3	A	
5	UOILTNK1	OP-UA3	A	

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 3: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO_2 Trading Program

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO_2	Texas SO_2 Monitoring	COR

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

General:

The purpose of this form is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units, groups, and processes when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this form OR the appropriate OP-UA form.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example; Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the Form OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example; a Group 1 or Group 2 Storage Tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When this form is used for an emission unit which has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by the TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). However, if a permit shield is requested, an OP-REQ2 is always required. For additional information relating to permit shields, refer to the TCEQ guidance document entitled "Permit Shield Guidance (www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/permit_shield.pdf)".

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application *(MM/DD/YYYY).* Any subsequent submittals must show the date of revision. Also enter the Regulated Entity Number (RN*XXXXXXXXX*) and Permit Number (O*XXXX*), if assigned.

Specific:

Unit Action Indicator (AI):
Only complete this section for the permit revision/renewal. Enter "A" if the entry is a permit addition. Otherwise, enter "D" to indicate a deletion.

Revision No.:
Complete this section only for the permit revision/renewal. Enter the number identified on Form OP-2 (Application for Permit Revision). This number will link the specific negative applicable requirement determination to the appropriate revision.

Unit/Group/Process:

ID NO.:
Enter the identification number (ID No.) (maximum 10 characters) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary).

Applicable Form:
Enter the number of the UA form which contains the specific information for the corresponding emission unit, emission point, or process (i.e., for flares enter "OP-UA7" entitled "Flares") if the unit/emission point, process has other applicable requirements. If negative applicability determinations are only being substantiated on this form by a textual description of the reason, and the emission unit, emission point, or process has no other positive applicability, enter "OP-REQ2." The Applicable Form entered on OP-REQ2 must match the applicable form entered on OP-SUM for the emission unit, emission point, or process.

Potentially Applicable Regulatory Name:
Enter the name of the potentially applicable requirement (maximum 25 characters) for which negative applicability or superseded requirement is being demonstrated.

Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).

Negative Applicability or Superseded Requirement Citation:
Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

Example Applicable Regulatory Requirements*

Regulation	**Name** *(Input Format)*	**Citation** *(Input Format)*
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 112	§ 112.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 113	§ 113.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 115, Storage of VOCs	§ 115.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 117, ICI	§ 117.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 60, Subparts A-WWW, New Source Performance Standards (NSPS)**	NSPS *XXX*	§ 60.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 61, Subparts A-FF National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP *XX*	§ 61.*XX*(*x*)(*yy*)(*zz*)
40 CFR Part 63, Subparts A-Y+, NESHAP by source category, including hazardous organic NESHAP (HON)	MACT *XX*	§ 63.*XXX*(*x*)(*yy*)(*zz*)

* This list is not intended to be exhaustive

** The inclusion of 40 CFR Part 60, Subpart A is only for those requirements contained in 40 CFR § 60.18

Negative Applicability/Superseded Requirement Reason:
Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

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

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
A	2	GRPENGS4/GE-01	OP-UA2	30 TAC Chapter 117	Chapter 117.103(a)(6)(d)	Used for emergency electrical generation only.
D	1	GRPENGS4/GE-05	OP-UA2	30 TAC Chapter 117	Chapter 117.103(a)(6)(d)	Used for emergency electrical generation only.
		GRPENGS2	OP-UA2	30 TAC Chapter 117	Chapter 117.103(a)(6)(c)	Used solely to power up other engines during startup.
		PW-01	OP-UA16	30 TAC Chapter 115	Chapter 115.411(a)(4)	Unit is remote reservoir cold solvent cleaner which uses solvent with a true vapor pressure of less than 0.6 psia at 100F with a drain area less than 16 in, and the solvent is disposed of in enclosed containers.
		GRPHTRS	OP-UA5	30 TAC Chapter 112	Chapter 112.9(a)	Units are natural gas fired heaters.
		GRPHTRS	OP-UA5	30 TAC Chapter 117	Chapter 117.103(a)(2)	Maximum rated capacity is less than 2.0 MMBtu/hr.
A	6	DIESELTNK1	OP-UA3	30 TAC Chapter 115	Chapter 115.111(a)(8)	A storage tank with a capacity of less than or equal to 1000 gallons exemption.
A	7	GASTNK1	OP-UA3	30 TAC Chapter 115	Chapter 115.111(a)(8)	A storage tank with a capacity of less than or equal to 1000 gallons exemption.
A	8	UOILTNK1	OP-UA3	30 TAC Chapter 115	Chapter 115.111(a)(8)	A storage tank with a capacity of less than or equal to 1000 gallons exemption.
		CE-02	OP_UA2	30 TAC Chapter 117	Chapter 117.103(a)(6)(c)	Used solely to power up other engines during startup.
		PE-02	OP-UA2	30 TAC Chapter 117	Chapter 117.103(a)(6)(c)	Used solely to power up other engines during startup.
		SMPTNK1	OP-UA14	30 TAC Chapter 115	Chapter 115.137(a)(2)	Separates materials having a true vapor pressure of VOC less than 0.5 pounds per square inch.

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
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Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☒ Yes ☐ No
♦	2.	The application area includes stationary vents constructed after January 31, 1972. *If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4.*	☐ Yes ☒ 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.	☒ Yes ☐ No
♦	4.	All stationary vents are addressed on a unit specific basis.	☐ Yes ☒ 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.	☒ Yes ☐ No
♦	6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	☒ Yes ☐ 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).	☐ Yes ☒ No
♦	8.	Emissions from units in the application area include contributions from uncombined water.	☐ Yes ☒ 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).	☐ Yes ☒ No ☐ N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 2)
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For SOP applications, answer ALL questions unless otherwise directed.
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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 determine applicability of any of these requirements based on geographical location.	
♦	a.	The application area is located within the city of El Paso.	☐ Yes ☒ No
♦	b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	☐ Yes ☒ No
♦	c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	☐ Yes ☒ 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.	☐ Yes ☒ No
		If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.	
	2.	Items a - d determine the specific applicability of these requirements.	
♦	a.	The application area is subject to 30 TAC § 111.143.	☐ Yes ☐ No
♦	b.	The application area is subject to 30 TAC § 111.145.	☐ Yes ☐ No
♦	c.	The application area is subject to 30 TAC § 111.147.	☐ Yes ☐ No
♦	d.	The application area is subject to 30 TAC § 111.149.	☐ Yes ☐ No
	C.	**Emissions Limits on Nonagricultural Processes**	
♦	1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151.	☒ Yes ☐ No
	2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. *If the response to Question I.C.2 is "No," go to Question I.C.4.*	☐ Yes ☒ No
	3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 3)
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For SOP applications, answer ALL questions unless otherwise directed.
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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).	☐ Yes ☒ No
	5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.5 is "No," go to Question I.C.7.*	☐ Yes ☒ No
	6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	☐ Yes ☒ No
	8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. *If the response to Question I.C.8 is "No," go to Section I.D.*	☐ Yes ☒ No
	9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	☐ Yes ☐ No
	D.	**Emissions Limits on Agricultural Processes**	
	1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	☐ Yes ☒ No
	E.	**Outdoor Burning**	
♦	1.	Outdoor burning is conducted in the application area. *If the response to Question I.E.1 is "No," go to Section II.*	☐ Yes ☒ No
♦	2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	☐ Yes ☐ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 4)
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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ No
♦	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	☐ Yes ☐ No
♦	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	☐ Yes ☐ 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.	☐ Yes ☒ 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. *See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.*	☒ Yes ☐ 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.	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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. *If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.*	☐ Yes ☒ No ☐ N/A
	2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. *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.*	☐ Yes ☐ 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). *If the response to Question III.C.3 is "Yes," go to Section III.D.*	☐ Yes ☐ 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). *If the response to Question III.C.4 is "Yes," go to Section III.D.*	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ No
	D.	**Loading and Unloading of VOCs**	
♦	1.	The application area includes VOC loading operations.	☐ Yes ☒ No
♦	2.	The application area includes VOC transport vessel unloading operations. *For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.*	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
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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.	☐ Yes ☒ 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. *If the response to Question III.E.1 is "No," go to Section III.F.*	☐ YES ☒ 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.	☐ YES ☐ 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. *If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.*	☐ Yes ☐ No
♦	4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. *If the response to Question III.E.4 is "No," go to Question III.E.9.*	☐ Yes ☐ No
♦	5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	☐ Yes ☐ No
♦	6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☐ Yes ☐ No
♦	7.	At facilities located in a covered attainment county 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. *If the response to Question III.E.7 is "Yes," go to Section III.F.*	☐ Yes ☐ 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. *If the response to Question III.E.8 is "Yes," go to Section III.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☒ No ☐ N/A

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For SOP applications, answer ALL questions unless otherwise directed.
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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.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ 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. *If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.*	☐ Yes ☒ No ☐ N/A
♦	2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	☐ Yes ☐ No
♦	3.	The application area includes facilities that began construction prior to November 15, 1992. *If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.*	☐ Yes ☐ No
♦	4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ 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. *If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
♦	3.	The application area includes a motor vehicle fuel dispensing facility.	☐ Yes ☐ No
♦	4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	☐ Yes ☐ No
	I.	**Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries**	
	1.	The application area is located at a petroleum refinery.	☐ Yes ☒ 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.	☐ Yes ☒ No ☐ 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. *If the response to Question III.K.1 is "N/A," go to Section III.L.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ No ☐ N/A
	3.	Asphalt emulsion is used or produced within the application area.	☐ Yes ☐ No
	4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. *If the response to Question III.K.4 is "No," go to Section III.L.*	☐ Yes ☐ 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).	☐ Yes ☐ No
	6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐ Yes ☐ No
	7.	The applicant using cutback asphalt is a state, municipal, or county agency.	☐ Yes ☐ 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. *If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.*	☐ Yes ☒ No ☐ N/A
♦	2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. *If the response to Question III.L.2 is "Yes," go to Section III.M.*	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ 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 ≥ 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	☐ Yes ☐ No ☐ N/A
	M.	**Petroleum Dry Cleaning Systems**	
	1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ N/A
2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. *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.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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. *If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.*	☐ Yes ☐ No
5.	The application area contains pressure relief valves that are not controlled by a flare.	☐ Yes ☐ No
6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐ Yes ☐ No
7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐ Yes ☐ 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.	☐ Yes ☐ No ☒ 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. *For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.* *For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "Yes," go to Section IV.F.* *For GOP applications for GOP 517, if the response to Question IV.A.1 is "Yes," complete Sections IV.C and IV.F.* *For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI.*	☒ Yes ☐ No
	2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. *If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.*	☐ Yes ☐ No
	3.	The application area includes a utility electric generator in an east or central Texas county. *See instructions for a list of counties included.* *If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.* *If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.*	☐ Yes ☐ 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. *If the response to Question IV.B.1 is "No," go to Question IV.C.1.*	☐ Yes ☒ No
	2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	☐ Yes ☒ No

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

IV.	**Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)**		
	C.	**Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas**	
♦	1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. *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.*	☒ Yes ☐ NO
♦	2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	☒ Yes ☐ No ☐ N/A
♦	3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☒ No
	D.	**Adipic Acid Manufacturing**	
	1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☒ No ☐ N/A
	E.	**Nitric Acid Manufacturing - Ozone Nonattainment Areas**	
	1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☐ No ☐ N/A
	F.	**Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines**	
♦	1.	The application area is located at a site that is a minor source of NO_X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). *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.*	☐ Yes ☒ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ Yes ☐ 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. *If the response to Question IV.F.6 is "No," go to Section IV.G.*	☐ Yes ☐ No
	7.	An ACSS for carbon monoxide (CO) has been approved?	☐ Yes ☐ No
	8.	An ACSS for ammonia (NH_3) has been approved?	☐ Yes ☐ 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. *If the response to Question IV.G.1 is "No," go to Question IV.H.1.*	☐ Yes ☒ No
	2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ Yes ☐ 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. *If the response to question IV.H.1 is "No," go to Section V.*	☐ Yes ☒ No
	2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ Yes ☐ 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 refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐ Yes ☒ No
2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. *If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.*	☐ Yes ☒ No
3.	All automobile refinish 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).	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No
3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. *If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.*	☐ Yes ☒ 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).	☐ Yes ☐ 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.	☐ Yes ☒ No
	2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. *If the responses to Questions V.C.1-2 are both "No," go to Section V.D.*	☐ Yes ☒ 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).	☐ Yes ☐ 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.	☐ Yes ☒ No
	2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	☐ Yes ☒ 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. *If the response to Question V.E.1 is "No," go to Section VI.*	☐ Yes ☒ 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).	☐ Yes ☐ 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. *If the response to Question VI.A.1 is "No," go to Section VII.*	☒ Yes ☐ 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. *If the response to Question VI.B.1 is "No," go to Section VI.C.*	☐ Yes ☒ No
	2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). *If the response to Question VI.B.2 is "No," go to Section VI.C.*	☐ Yes ☐ No
	3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. *If the response to Question VI.B.3 is "Yes," go to Section VI.C.*	☐ Yes ☐ No
	4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. *If the response to Question VI.B.4 is "No," go to Section VI.C.*	☐ Yes ☐ No
	5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	☐ Yes ☐ 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. *If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.*	☐ Yes ☐ No ☒ 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. *If the response to Question VI.C.2 is "No," go to Section VI.E.*	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	D.	**Subpart XX - Standards of Performance for Bulk Gasoline Terminals**	
	1.	The application area includes bulk gasoline terminal loading racks. *If the response to Question VI.D.1 is "No," go to Section VI.E.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ No
	E.	**Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO_2) Emissions**	
♦	1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). *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 or "N/A," go to Section VI.H.*	☐ Yes ☒ No
♦	2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. *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.*	☐ Yes ☐ 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. *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.*	☐ Yes ☐ 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 (SO_2) Emissions (continued)**	
♦	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. *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.*	☐ Yes ☐ 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. *If the response to Question VI.F.1 is "No," go to Section VI.G.*	☐ Yes ☒ 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.	☐ Yes ☐ 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. *If the response to Question VI.G.1 is "No," go to Section VI.H.*	☐ Yes ☒ No
	2.	The application area includes storm water sewer systems.	☐ Yes ☐ 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.	☐ Yes ☐ No
	4.	The application area includes non-contact cooling water systems.	☐ Yes ☐ No
	5.	The application area includes individual drain systems. *If the response to Question VI.G.5 is "No," go to Section VI.H.*	☐ Yes ☐ No
	6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	☐ Yes ☐ No
	7.	The application area includes completely closed drain systems.	☐ Yes ☐ 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. *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.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.H.4 is "No," go to Section VI.I.*	☐ Yes ☐ 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. *If the response to Question VI.H.5 is "No," go to Question VI.H.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *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.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.I.4 is "No," go to Section VI.J.*	☐ Yes ☐ 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. *If the response to Question VI.I.5 is "No," go to VI.I.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *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.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	4.	The application area includes at least one air curtain incinerator. *If the response to Question VI.J.4 is "No," go to Section VI.K.*	☐ Yes ☐ 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. *If the response to Question VI.J.5 is "No," go to Question VI.J.7.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☒ 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. *If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No ☐ 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). *If the response to Question VII.D.1 is "No," go to Section VII.E.*	☐ Yes ☐ No
	2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	☐ Yes ☐ No
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	☐ Yes ☐ No
	E.	**Subpart M - National Emission Standard for Asbestos**	
		Applicability	
	1.	The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. *If the response to Question VII.E.1 is "No," go to Section VII.F.*	☐ Yes ☐ No
		Roadway Construction	
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	☐ Yes ☐ No
		Manufacturing Commercial Asbestos	
	3.	The application area includes a manufacturing operation using commercial asbestos. *If the response to Question VII.E.3 is "No," go to Question VII.E.4.*	☐ Yes ☐ No
		a. Visible emissions are discharged to outside air from the manufacturing operation	☐ Yes ☐ No
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	☐ Yes ☐ 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)**	
		***Manufacturing Commercial Asbestos* (continued)**	
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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	☐ Yes ☐ 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.	☐ Yes ☐ No
		Asbestos Spray Application	
4.		The application area includes operations in which asbestos-containing materials are spray applied. *If the response to Question VII.E.4 is "No," go to Question VII.E.5.*	☐ Yes ☐ No
	a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. *If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.*	☐ Yes ☐ No
	b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	☐ Yes ☐ No
	c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ 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)**	
		***Asbestos Spray Application* (continued)**	
	d.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	e.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	f.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ No
	g.	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ 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.	☐ Yes ☐ No
		Fabricating Commercial Asbestos	
5.		The application area includes a fabricating operation using commercial asbestos. *If the response to Question VII.E.5 is "No," go to Question VII.E.6.*	☐ Yes ☐ No
	a.	Visible emissions are discharged to outside air from the manufacturing operation.	☐ Yes ☐ No
	b.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐ Yes ☐ No
	c.	Asbestos-containing waste material is processed into non-friable forms.	☐ Yes ☐ No
	d.	Asbestos-containing waste material is adequately wetted.	☐ Yes ☐ No
	e.	Alternative filtering equipment is being used that has received EPA approval.	☐ Yes ☐ 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)**	
	***Fabricating Commercial Asbestos* (continued)**	
	f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	☐ Yes ☐ 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.	☐ Yes ☐ No
	Non-sprayed Asbestos Insulation	
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.	☐ Yes ☐ No
	Asbestos Conversion	
7.	The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VII.G.1 is "No," go to Section VII.H.*	☐ Yes ☐ No
2.	The application area includes benzene transfer operations at marine vessel loading racks.	☐ Yes ☐ 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.	☐ Yes ☐ No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	☐ Yes ☐ No
	H. Subpart FF - National Emission Standard for Benzene Waste Operations	
	Applicability	
1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	☐ Yes ☐ 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). *If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.*	☐ Yes ☐ No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. *If the response to Question VII.H.3 is "Yes," go to Section VIII.*	☐ Yes ☐ 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). *If the response to Question VII.H.4 is "Yes," go to Section VIII*	☐ Yes ☐ 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. *If the response to Question VII.H.5 is "Yes," go to Section VIII.*	☐ Yes ☐ 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.	☐ Yes ☐ No
7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
11.	The application area transfers waste off-site for treatment by another facility.	☐ Yes ☐ No
12.	The application area is complying with 40 CFR § 61.342(d).	☐ Yes ☐ No
13.	The application area is complying with 40 CFR § 61.342(e). *If the response to Question VII.H.13 is "No," go to Question VII.H.15.*	☐ Yes ☐ No
14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐ Yes ☐ 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. *If the response to Question VII.H.15 is "No," go to Question VII.H.18.*	☐ Yes ☐ No
16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.*	☐ Yes ☐ No
17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ 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. *If the response to Question VII.H.18 is "No," go to Question VII.H.25.*	☐ Yes ☐ No
19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.*	☐ Yes ☐ No
20.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VII.H.20 is "No," go to Question VII.H.22.*	☐ Yes ☐ 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.	☐ Yes ☐ 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). *If the response to Question VII.H.22 is "No," go to Question VII.H.25.*	☐ Yes ☐ 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.	☐ Yes ☐ No
	24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
		Remediation Activities	
	25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	☐ Yes ☐ 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. *See instructions for 40 CFR Part 63 subparts made applicable only by reference.*	☒ Yes ☐ 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). *If the response to Question VIII.B.1 is "No," go to Section VIII.D.*	☐ Yes ☒ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
B.	**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)**	
2.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). *If the response to Question VIII.B.2 is "No," go to Section VIII.D.*	☐ Yes ☐ No
3.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	☐ Yes ☐ No
4.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	☐ Yes ☐ No
5.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does not 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. *If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.*	☐ Yes ☐ 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. *If the response to Question VIII.C.1 is "No," go to Section VIII.D.*	☐ Yes ☐ No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	☐ Yes ☐ No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. *If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.*	☐ Yes ☐ No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	☐ Yes ☐ 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. *If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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)**	
	Reloading or Cleaning of Railcars, Tank Trucks, or Barges	
8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. *If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.*	☐ Yes ☐ 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.	☐ Yes ☐ No
10.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	☐ Yes ☐ No
	Transfer Racks	
11.	The application area includes Group 1 transfer racks that load organic HAPs.	☐ Yes ☐ No
	Process Wastewater Streams	
12.	The application area includes process wastewater streams. *If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.*	☐ Yes ☐ No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. *If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.*	☐ Yes ☐ No
14.	The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	☐ Yes ☐ No
15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. *If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.*	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
C.	**Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)**	
	***Process Wastewater Streams* (continued)**	
16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	☐ Yes ☐ No
17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. *If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.*	☐ Yes ☐ No
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	☐ Yes ☐ No
19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	☐ Yes ☐ 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.	☐ Yes ☐ No
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
	C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
	***Process Wastewater Streams* (continued)**	
24.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.*	☐ Yes ☐ 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. *If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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)**	
	Drains	
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. *If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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). *If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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). *If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☒ 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. *If the response to Question VIII.E.1 is "No," go to Section VIII.F.*	☐ Yes ☒ No
2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. *If the response to Question VIII.E.2 is "No," go to Section VIII.F.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
F.	**Subpart Q - National Emission Standards for Industrial Process Cooling Towers**	
1.	The application area includes industrial process cooling towers. *If the response to Question VIII.F.1 is "No," go to Section VIII.G.*	☐ Yes☒ No
2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	☐ Yes ☐ 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.	☐ Yes ☒ No
2.	The application area includes a pipeline breakout station. *If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.*	☐ Yes ☒ 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. *If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ 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. *If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.*	☐ Yes ☐ No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. *If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.*	☐ Yes ☐ 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). *If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.*	☐ Yes ☐ No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). *If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 ($0.5 \leq$ ET or EP < 1.0). *If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.*	☐ Yes ☐ No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP $\geq$ 1.0). *If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.*	☐ Yes ☐ No
10.	The site at which the application area is located is a major source of HAP. *If the response to Question VIII.G.10 is "No," go to Section VIII.H.*	☐ Yes ☐ No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	☐ Yes ☐ 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. *If the response to Question VIII.H.1 is "No," go to Section VIII.I.*	☐ Yes ☒ No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). *If the response to Question VIII.H.2 is "No," go to Section VIII.I.*	☐ Yes ☐ No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. *If the response to Question VIII.H.3 is "No," go to Section VIII.I.*	☐ Yes ☐ No
4.	The application area includes one or more kraft pulping systems that are existing sources.	☐ Yes ☐ No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	☐ Yes ☐ 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. *If the response to Question VIII.H.6 is "No," go to Section VIII.I.*	☐ Yes☐ No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐ Yes ☐ No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ 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.	☐ Yes ☒ 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. *If the response to Question VIII.J.1 is "No," go to Section VIII.K.*	☐ Yes ☒ 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. *If the response to Question VIII.J.2 is "No," go to Section VIII.K.*	☐ Yes ☐ 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.	☐ Yes ☐ No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	☐ Yes ☐ 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. *If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.*	☐ Yes ☐ 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. *If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. *If the response to Question VIII.J.15 is "No," go to Section VIII.K.*	☐ Yes ☐ 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). *If the response to Question VIII.J.16 is "No," go to Section VIII.K.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.*	☐ Yes ☐ No ☒ N/A
2.	The application area includes a BLR and/or WSR research and development facility.	☐ Yes ☐ 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. *If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☒ 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). *If the response to Question VIII.N.1 is "No," go to Section VIII.O.*	☐ Yes ☒ 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). *If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.*	☐ Yes ☐ 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). *If the response to Question VIII.N.3 is "No," go to Section VIII.O.*	☐ Yes ☐ 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. *If the response to Question VIII.N.4 is "No," go to Section VIII.O.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.*	☐ Yes ☐ No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	☐ Yes ☐ 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). *If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.*	☐ Yes ☐ 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.	☐ Yes ☐ 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).	☐ Yes ☐ 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).	☐ Yes ☐ No
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	☐ Yes ☐ 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). *If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P*	☐ Yes ☐ No ☒ N/A
2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	☐ Yes ☐ 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.	☐ Yes ☐ 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).	☐ Yes ☐ 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."	☐ Yes ☐ No
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ YES ☐ 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).	☐ Yes ☐ 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. *If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.*	☐ Yes ☐ 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. *If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.*	☐ Yes ☐ No
12.	VOHAP concentration is determined by direct measurement.	☐ Yes ☐ No
13.	VOHAP concentration is based on knowledge of the off-site material.	☐ Yes ☐ 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. *If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.*	☐ Yes ☐ 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.	☐ Yes ☐ No
16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	☐ Yes ☐ No
17.	The application area includes containers that manage non-exempt off-site material.	☐ Yes ☐ No
18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐ Yes ☐ 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. *If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.*	☐ Yes ☐ No ☒ N/A
	2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	☐ Yes ☐ 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.	☐ Yes ☒ 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. *For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.* *For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.*	☐ Yes ☒ No
♦	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. *For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.*	☐ Yes ☐ No
♦	4.	The application area is located at a site that is a major source of HAP. *If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.*	☐ Yes ☐ No

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

VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**		
	Q.	**Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)**	
♦	5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft^3) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. *For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.* *For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.* *For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.*	☐ Yes ☐ No
♦	6.	The application area includes a triethylene glycol (TEG) dehydration unit. *For SOP applications, f 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.*	☐ Yes ☐ No
♦	7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	☐ Yes ☐ No
♦	8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	☐ Yes ☐ No
♦	9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐ Yes ☐ 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. *If the response to Question VIII.R.1 is "NO," go to Section VIII.S.*	☐ Yes ☒ No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	☐ Yes ☐ 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. *If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.*	☐ Yes ☐ No ☒ N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐ Yes ☐ 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.	☐ Yes ☐ No ☒ 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. *If the response to Question VIII.U.1 is "NO," go to Section VIII.V.*	☐ Yes ☒ No
2.	The application area includes containers using Container Level 1 controls.	☐ Yes ☐ No
3.	The application area includes containers using Container Level 2 controls.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ 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. *If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.*	☐ Yes ☒ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.*	☐ Yes ☐ No

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

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.	☐ Yes ☐ 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.	☐ Yes ☐ No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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). *If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
20.	The application area includes an ethylene production process unit.	☐ Yes ☐ No ☒ N/A
21.	The application area includes waste streams generated from an ethylene production process unit. *If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.*	☐ Yes ☐ No ☒ 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). *If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
23.	Waste stream(s) are transferred off-site for treatment. *If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.*	☐ Yes ☐ No
24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. *If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.*	☐ Yes ☐ 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).	☐ Yes ☐ 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). *If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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. *If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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). *If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.*	☐ Yes ☐ No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	☐ Yes ☐ No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. *If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.W.32 is required, go to Question VIII.W.43.*	☐ Yes ☐ No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. *If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.*	☐ Yes ☐ No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.*	☐ Yes ☐ No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ 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. *If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.*	☐ Yes ☐ No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
38.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.*	☐ Yes ☐ 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.	☐ Yes ☐ No
40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.*	☐ Yes ☐ 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.	☐ Yes ☐ No
42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
43.	The application area has at least one waste stream that contains benzene. *If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. *If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.*	☐ Yes ☐ No
45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. *If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	☐ Yes ☐ 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. *If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.*	☐ Yes ☐ No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. *If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.*	☐ Yes ☐ No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). *If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.*	☐ Yes ☐ 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.	☐ Yes ☐ No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). *If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.*	☐ Yes ☐ 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.	☐ Yes ☐ No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W.	**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)**	
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	☐ Yes ☐ No
54.	The application area contains a cyanide chemicals manufacturing process. *If the response to Question VIII.W.54 is "No," go to Section VIII.X.*	☐ Yes ☒ No
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	☐ Yes ☐ 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 subje ct to 40 CFR Part 63, Subpart JJJ. *If the response to Question VIII.X.1 is "No," go to Section VIII.Y.*	☐ Yes ☒ 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. *If the response to Question VIII.X.2 is "No," go to Section VIII.Y.*	☐ Yes ☐ No
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. *If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ No
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. *If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.*	☐ Yes ☐ 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. *If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. *If the response to Question VIII.X.18 is "No," go to Section VIII.Y.*	☐ Yes ☐ No

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VIII.	**Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)**	
X.	**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)**	
	***Drains* (continued)**	
19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). *If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.*	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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	☐ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ 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).	☐ Yes ☒ No
	2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	☐ Yes ☒ 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. *If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.*	☐ Yes ☒ 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. *If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.*	☐ Yes ☐ 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. *If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
6.	The application area includes process wastewater streams, located at existing sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
8.	The application area includes process wastewater streams, located at new sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	☐ Yes ☐ No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. *If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.*	☐ Yes ☐ No
11.	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. *If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.*	☐ Yes ☐ No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐ Yes ☐ No
13.	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.	☐ Yes ☐ 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)	
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. *If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.*	☐ Yes ☐ No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). *If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.*	☐ Yes ☐ No
16.	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.	☐ Yes ☐ No
17.	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. *If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.*	☐ Yes ☐ No
18.	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.	☐ Yes ☐ No
19.	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.	☐ Yes ☐ No
20.	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.	☐ Yes ☐ No
21.	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. *If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.*	☐ Yes ☐ No
22.	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.	☐ Yes ☐ 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)	
23.	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.	☐ Yes ☐ No
24.	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). *If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
25.	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). *If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.*	☐ Yes ☐ No
26.	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.	☐ Yes ☐ No
27.	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.	☐ Yes ☐ No
28.	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.	☐ Yes ☐ 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)		
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.	☐ Yes ☒ 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. *If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.*	☐ Yes ☒ No
2.	The application area is located at a site that is a major source of HAP. *If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.*	☐ Yes ☐ No
3.	All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). *If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
4.	All site remediation activities are complete, and the Administrator has been notified in writing. *If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
5.	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. *If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
6.	The site remediation will be completed within 30 consecutive calendar days.	☐ Yes ☐ No
7.	No site remediation will exceed 30 consecutive calendar days. *If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ No
8.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	☐ Yes ☐ No
9.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. *If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.*	☐ Yes ☐ 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)	
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	☐ Yes ☐ No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	☐ Yes ☐ No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). *If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.*	☐ Yes ☐ No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	☐ Yes ☐ No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. *If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.*	☐ Yes ☐ No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	☐ Yes ☐ No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	☐ Yes ☐ No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	☐ Yes ☐ No
18.	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).	☐ Yes ☐ No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	☐ Yes ☐ No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	☐ Yes ☐ No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	☐ Yes ☐ 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)**	
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. *If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.*	☐ Yes ☒ No
2.	The EAF steelmaking facility is a research and development facility. *If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.*	☐ Yes ☐ No
3.	Metallic scrap is utilized in the EAF.	☐ Yes ☐ No
4.	Scrap containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	☐ Yes ☐ No
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. *If the answer to Question EE.1 is "No," go to Section VIII.FF.*	☒ Yes ☐ 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.	☐ Yes ☒ No
3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	☐ Yes ☒ 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)**	
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. *If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.*	☐ Yes ☒ 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).	☐ Yes ☐ 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. *If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.*	☐ Yes ☒ No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. *If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.*	☐ Yes ☐ No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	☐ Yes ☐ No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. *If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.*	☐ Yes ☐ No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.*	☒ Yes ☐ No
♦	2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. *If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.*	☐ Yes ☐ No
♦	3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	☐ Yes ☐ 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.	☐ Yes ☐ 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. *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.*	☒ Yes ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ 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.	☐ Yes ☒ No ☐ N/A
	D.	**Subpart D - Federal Procurement**	
♦	1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ N/A
♦	2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No
♦	2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	☐ Yes ☒ No ☐ N/A
♦	3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	☐ Yes ☒ No ☐ 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. *If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.*	☐ Yes ☒ No ☐ 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).	☐ Yes ☐ No ☐ 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.	☐ Yes ☒ No ☐ N/A
♦	2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 79)
Federal Operating Permit Program
Texas Commission on Environmental Quality

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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. *If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.*	☐ Yes ☒ No ☐ 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.	☐ Yes ☒ 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).	☐ Yes ☒ No
	2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐ Yes ☒ 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. *If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ 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. *If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.*	☐ Yes ☒ 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.	☐ Yes ☒ No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	☐ Yes ☒ No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	☐ Yes ☒ 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. *If the response to Question XI.F.1 is "No," go to Question XI.F.7.*	☐ Yes ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
7.	The application area includes emission units that qualify for the CSAPR NO_X Ozone Season Group 2 retired unit exemption.	☐ Yes ☒ No

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XI.	Miscellaneous (continued)	
G.	**40 CFR Part 97, Subpart FFFFF - Texas SO_2 Trading Program**	
1.	The application area includes emission units complying with the requirements of the Texas SO_2 Trading Program. *If the response to Question XI.G.1 is "No," go to Question XI.G.6.*	☐ Yes ☒ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
6.	The application area includes emission units that qualify for the Texas SO_2 Trading Program retired unit exemption.	☐ Yes ☒ 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.	☒ Yes ☐ No

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Form OP-REQ1 (Page 82)
Federal Operating Permit Program
Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
	J.	**Title 30 TAC Chapter 101, Subchapter H**	
♦	1.	The application area is located in a nonattainment area. *If the response to Question XI.J.1 is "No," go to Question XI.J.3.*	☐ Yes ☒ No
♦	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☐ No ☐ N/A
♦	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐ Yes ☒ No ☐ N/A

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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. *If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.*	☐ Yes ☒ No
♦	5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO_X and is subject to 101.351(c).	☐ Yes ☒ No
	6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	☐ Yes ☒ No
♦	7.	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.	☐ Yes ☒ No
♦	8.	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.	☐ Yes ☒ 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. *If the response to Question XI.K.1 is "Yes," go to Section XI.L.*	☐ Yes ☒ No
♦	2.	The permit currently contains at least one periodic monitoring requirement. *If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.*	☐ Yes ☒ No
♦	3.	All periodic monitoring requirements are being removed from the permit with this application.	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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. *If the response to Question XI.L.1 is "No," go to Section XI.M.*	☐ Yes ☒ No
♦	2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. *If the response to Question XI.L.2 is "No," go to Section XI.M.*	☐ Yes ☐ No
♦	3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐ Yes ☐ 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. *If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.*	☐ Yes ☐ 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.	☐ Yes ☐ 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).	☐ Yes ☐ 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). *If the response to Question XI.L.8 is "Yes," go to Section XI.M.*	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐ Yes ☐ 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. *If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.*	☐ Yes ☐ No ☒ 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.	☐ Yes ☐ 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. *If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.*	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
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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. *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.*	☐ Yes ☒ No
♦	2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	☐ Yes ☐ No
♦	3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐ Yes ☐ 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.	☐ Yes ☐ 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.	☐ Yes ☐ No
♦	6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐ Yes ☐ 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.	☐ Yes ☐ No
	8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
	9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
	10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

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.	☐ Yes ☐ No
♦	12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. *If the response to XII.B.12 is "No," go to Question XII.B.15.*	☐ Yes ☐ No
♦	13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐ Yes ☐ No
♦	14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	☐ Yes ☐ No
♦	15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
♦	16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	☐ Yes ☐ No
	C.	**Flexible Permits**	
	1.	The application area includes at least one Flexible Permit NSR authorization.	☐ Yes ☒ No
	D.	**Multiple Plant Permits**	
	1.	The application area includes at least one Multi-Plant Permit NSR authorization.	☐ Yes ☒ No

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For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

♦ **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

♦ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.512	06/13/2001				
SE-006	05/05/1976				
106.511	09/04/2000				
106.183	09/04/2000				
SE-058	01/08/1980				
106.454	11/01/2001				
106.532	09/04/2000				
106.472	09/04/2000				
106.473	09/04/2000				

♦ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH3 Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:
Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:
Enter the registration number provided by TCEQ upon authorization.

PBR No.:
For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:
Enter the date (MM/DD/YYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:
Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:
For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:
For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the Periodic Monitoring Guidance and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

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
01/16/2025	O1402	RN100213248

Unit ID No.	Registration No.	PBR No.	Registration Date

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

Date	Permit Number	Regulated Entity Number
01/16/2025	O1402	RN100213248

Unit ID No.	PBR No.	Version No./Date
DIESELTNK1	106.473	09/04/2000
GASTNK1	106.473	09/04/2000
UOILTNK1	106.472	09/04/2000

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

Date	Permit Number	Regulated Entity Number
01/16/2025	O1402	RN100213248

PBR No.	Version No./Date

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
01/16/2025	O1402	RN100213248

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
DIESELTNK1	106.473	09/04/2000	Using AP-42, uncontrolled emissions less than 25 tons per year and true vapor pressure no greater than 11 pounds per square inch.
GASTNK1	106.473	09/04/2000	Using AP-42, uncontrolled emissions less than 25 tons per year and true vapor pressure no greater than 11 pounds per square inch.
UOILTNK1	106.472	09/04/2000	No visible emissions observations.

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

General:

Title 30 Texas Administrative Code § 122.132(d)(4) [30 TAC § 122.132(d)(4)] requires that each permit application contain a Compliance Plan, a Compliance Certification, and, if necessary, a Compliance Schedule. Title 30 TAC § 122.132(d)(8) requires that a Responsible Official certify all submitted application information.

The Compliance Plan [§ 122.132(d)(4)(A)] must contain a specific statement regarding continued compliance with current requirements, and compliance with requirements that may become effective.

- The Compliance Certification [§ 122.132(d)(4)(B)] must contain an indication of the compliance status with respect to all applicable requirements, based on the compliance method specified in the applicable requirements and any other credible evidence or information.
- If required, the Compliance Schedule [§ 122.132(d)(4)(C)] must identify each emission unit and applicable requirement for which non-compliance is ongoing at the time of application. It must also contain the method for assessing compliance status, a description of how the emission units(s) will come into compliance, a compliance schedule with milestones describing steps to be taken to achieve compliance, and a schedule for submission of progress reports.

Form OP-ACPS allows the applicant to fulfill all documentation requirements related to application compliance plans, certifications, and schedules. **This form must be submitted with all initial FOP applications and renewal applications.**

A "Non-compliance Situation" is a situation in which, based on information available to the applicant and belief formed after reasonable inquiry, it *appears* that there is a unit not in compliance with a unit-specific applicable requirement, or that the application area (or site) is not in compliance with an area-wide requirement.

- If the non-compliance situation is on-going at the time of FOP application, it is required to be addressed in Part 2 of this form.
- If the non-compliance situation occurred previously, and has been remedied by the time of FOP application, then it is not required to be addressed on this form.
- Multiple instances of non-compliance for the same emission unit, applicable requirement, and pollutant, such as those documented by continuous emissions monitoring, may be considered part of the same non-compliance situation if the instances are related and have the same underlying cause.

Note that area-wide requirements are those which apply to the entire area addressed by the permit, as opposed to those that apply only to a specific unit or units. These requirements are generally addressed on Form OP-REQ1, Application Area-wide Applicability Determinations, and General Information. If there is only one permit for the site, the application area is the same as the site. (See "Application Area" on Form OP-1.)

The Company Name and Area Name (from Form OP-1, Section I and X, respectively) must appear in the header block of each page for purposes of identification. The date of submittal must also be included, and should be consistent throughout the application *(MM/DD/YYYY).* Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RN*XXXXXXXXX*) and Permit Number (O*XXXX*).

Specific:

Part 1:

Part 1 must be submitted with all initial FOP applications and renewal applications.

A. **Compliance Plan - Future Activity Committal Statement**

This section commits the applicant to a statement of future compliance with existing requirements and with those that will become effective in the future. This section does not require a response.

B. **Compliance Certification - Statement for Units in Compliance**

1. **Compliance Status:** This paragraph provides a comprehensive means for the applicant to state the compliance status for each emission unit and applicable requirement identified in the application. The assessment of compliance should be based, at minimum, on the appropriate monitoring, testing, recordkeeping, or reporting requirements of the respective regulations, and should be made at the time of application.

    - If each emission unit and applicable requirement identified in the application (other than those listed in Part 2 of this form) is in compliance, check the "Yes" box.
    - If there are one or more applicable requirements for which an emission unit is not in compliance, and which is not listed in Part 2 of this form, check the "No" box.

2. **Compliance Schedule Content**

    - If one or more non-compliance situations (applicable requirements for which an emission unit is not in compliance) are listed in Part 2 of this form, check the "Yes" box.
    - If no emission units were required to be listed in Part 2 of this form, check the "No" box.

3. **Compliance Schedule Attachments** *(For Reference Only)*

    - If the response to Item B.2 is "Yes," enter the total number of Part 2 attachments included in this submittal.
    - If the response to Item B.2 is "No," enter "0" (zero).

Note: If there are any non-compliance situations at a facility applying for a General Operating Permit (GOP), then the facility does not qualify for a GOP and must submit a Site Operating Permit (SOP) application.

Part 2:

A separate Part 2 form must be submitted for each non-compliance situation ongoing at the time of FOP application.

- If a non-compliance situation involves two or more distinct pollutants (e.g., SO_2, PM, NO_X, etc.), then a separate Part 2 form should be submitted for each pollutant, because each pollutant will have its own emission limitation or standard.
- If a non-compliance situation involves two or more emission units, and the non-compliance situation documentation on this form is *identical* for each unit, then multiple units may be listed in Section A.1.
- If there are no non-compliance situations ongoing at the time of application, do not submit Part 2.

A. Compliance Schedule

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.:

- For non-compliance situations involving a unit-specific requirements, enter the Unit/Group/Process ID Number of the unit, group, or process (maximum 10 characters) exactly as listed on Form OP-SUM (Individual Unit Summary) or Form OP-SUMR (Individual Unit Summary for Revisions). **All units/groups/processes appearing on this form must first be identified on Form OP-SUM/SUMR.**
- For non-compliance situations involving area-wide requirements, enter "Sitewide."

SOP Index No.: Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group, or process (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-*XXXX*]). If the unit/group/process appeared on a unit attribute form, the SOP Index Number must be the same as the one associated with the operating scenario for which the non-compliance situation is occurring. For additional information relating to SOP index numbers, please refer to the TCEQ guidance document entitled "Completing FOP Applications - Additional Guidance"

www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Pollutant: Select one of the following options for the pollutant that is the subject of the applicable requirement. Enter the appropriate code on the form.

- For criteria pollutants:

Code	Description
CO	Carbon monoxide
NO_x	Nitrogen oxides (NO_x)
VOC	Volatile organic compounds
SO_2	Sulfur dioxide
PB	Lead
PM_{10}	Particulate matter less than 10 microns
PM	Particulate matter*
OPACITY	Opacity of particulate matter

**Use this pollutant code for any regulatory requirement under any Title 40 Code of Federal Regulations Part 60 [40 CFR Part 60] subpart or Title 30 Texas Administrative Code Chapter 111 [30 TAC Chapter 111], where the standard, as designated by the TCEQ Requirements Reference Tables (RRT) and flowchart, is for particulate matter.*

- For Hazardous Air Pollutants (HAPs): Provide the full name of the pollutant using standard abbreviations if necessary for length. Please avoid using trade names, if possible. (Maximum 25 characters) If multiple hazardous air pollutants are referred to in a general sense within a regulation, the code, "HAPS" may be used instead of the full name of each particular pollutant.

Applicable Requirement

Citation: Enter the citation of the applicable requirement associated with the non-compliance situation. Some examples of citation format are shown in the table below. (This table is not intended to be an exhaustive list.)

Applicable Regulatory Requirement Citation Format	
Regulation	**Citation Input Format**
30 TAC Chapters 111, 112, 113, 115, and 117	§ 111.*XXX(x)(yy)(zz)*
	§ 112.*XXX(x)(yy)(zz)*
	§ 113.*XXX(x)(yy)(zz)*
	§ 115.*XXX(x)(yy)(zz)*
	§ 117.*XXX(x)(yy)(zz)*
Subpart of 40 CFR Part 60, New Source Performance Standards (NSPS)	§ 60.*XXXX(x)(yy)(zz)*
Subpart of 40 CFR Part 61 National Emission Standards for Hazardous Air Pollutants (NESHAP)	§ 61.*XX(x)(yy)(zz)*
Subpart of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (a.k.a. Maximum Achievable Control Technology [MACT])	§ 63.*XXX(x)(yy)(zz)*
Title I Prevention of Significant Deterioration (PSD) Permit†	PSD-TX-*XXXXX*M*XX*
Merged PSD/State Permit†	PSD-TX-*XXXXX*M*XX*/*NNNNN*
Title I Nonattainment Permit Provisions†	*NNNNN*

† *Title I PSD Permit refers to PSD permits issued before Texas received delegation of the PSD Program. The merged PSD/state permit refers to applicable requirements from permits at sites with PSD permits issued or modified after Texas received delegation of the PSD Program. Title I nonattainment permit refers to applicable requirements from permits at sites that have undergone nonattainment review.*

Text Description: Provide a brief summary of the applicable requirement associated with the non-compliance situation. Some examples are given in the table below.

Example Applicable Requirement Text Descriptions	
Applicable Requirement Citation	**Example Text Description**
30 TAC § 115.211(1)	VOC emissions from the vapor control system vent at a gasoline terminal in a covered attainment county is 0.17 lb per 1000 gallons loaded.
40 CFR § 60.42Da(b)	NSPS Da 6-minute opacity limit is less than or equal to 20%
40 CFR § 60.113b(b)(4)	NSPS Kb requires seal repairs, tank emptied w/in 45 days of seal gap excess
PSD-TX-123M3/99999	Special Provision 2.A limit for SO_2 of 1.2 lb/MMBtu

2. **Compliance Status Assessment Method and Records Location**

Compliance Status Assessment Method

Citation: Provide the regulatory citation of the method used to assess compliance. *(Refer to "Applicable Requirement Citation," above, for Citation Input Formats)*

Description: Provide a brief summary of the method used to assess compliance. Some examples are given in the table below.

Example Compliance Status Assessment Method Text Descriptions	
Compliance Status Assessment Method Citation	**Example Text Description**
30 TAC § 111.111(a)(1)(F)(ii)	Test Method 9 (40 CFR 60, Appendix A)
40 CFR § 60.334(a)	Continuous monitoring of steam-to-fuel ratio
40 CFR § 60.113b(b)(1)-(3)	Seal gap measurements
PSD-TX-1234M2	Stack test required under Special Provision 6

Location of Records/Documentation: Provide the location where details of any non-compliance situation are documented. Typically, this will refer to records maintained by the applicant, or specific reports submitted on to the TCEQ a specific date.

Examples:
"CEMS records for 2/8/2006 in first quarter NSPS report"
"8/11/2005 - 8/18/2005 strip chart readings kept on site"
"Tank Battery 7/1/2005 measurement records kept on site"
"Fuel analysis dated 4/4/2006, Environmental Manager's Office, Houston"

3. **Non-Compliance Situation Description:** Provide a *brief* description of the non-compliance situation, including cause(s).

   Examples:

   "Exceeded visible emission limit due to baghouse failure"
   "Exceeded SO_2 limit due to inadvertent use of higher sulfur fuel in boiler"
   "Quarterly monitoring of valves by contractor was not completed by deadline"
   "Failed to have proper controls on storage tank"

4. **Corrective Action Plan Description:** Provide a *brief* overview description of the corrective action plan being undertaken to alleviate the non-compliance situation.

   Examples:
   "Replace bags in fabric filter"
   "Repair flue gas desulphurization device"

   "Contract for new fugitive monitoring to monitor all missed valves and components"
   "Change tank controls to internal floating roof"

   Note: If an enforcement-related compliance plan is already in place, reference it here by date of issuance of the applicable notice of violation or Agreed Order. Include Agreed Order No., if known.

5. **List of Activities/Milestones to Implement Corrective Action Plan:** Provide *specific and complete* list of steps involved in the corrective action plan to achieve compliance. *Completion dates must be included for each step/milestone.* If exact steps have not been determined, specify alternatives. Please do not exceed five steps or milestones. Consolidate steps, if necessary.

6. **Previously Submitted Compliance Plan:** If the non-compliance situation has undergone any type of TCEQ enforcement action, provide the following information:

   Type of Action:

   - Enter "NOV" if a Notice of Violation has been issued.
   - Enter "Order" if an enforcement order has been issued.
   - Otherwise, enter "N/A."

   Date Submitted: Provide the date of issuance of the NOV or enforcement order, if any. If none, enter "N/A."

7. **Progress Report Submission Schedule:** 40 CFR Part 70 requires that, beginning after the FOP is issued, progress reports on each non-compliance situation must be submitted no less frequently than every six months until the corrective actions are complete or compliance is achieved. The TCEQ reserves the right to require progress reports at more frequent intervals.

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

Date: 01/16/2025	**Regulated Entity No.: RN100213248**	**Permit No.: O1402**
Company Name: Lower Neches Valley Authority		**Area Name: Neches First Pumping Station**

- 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**	
The *Responsible Official* 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.		
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?	☒ YES ☐ NO
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ☒ NO
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. *(For reference only)*	
*	*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.* *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.*	

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

Date:	Regulated Entity No.:	Permit No.:
Company Name:		Area Name:

Part 2

A. Compliance Schedule

If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. *(See form instruction for details.)* If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.

1. Specific Non-Compliance Situation

Unit/Group/Process ID No.(s):

SOP Index No.:

Pollutant:

Applicable Requirement

Citation	Text Description

2. Compliance Status Assessment Method and Records Location

Citation	Text Description	Location of Records/Documentation

3. Non-compliance Situation Description

4. Corrective Action Plan Description

5. List of Activities/Milestones to Implement the Corrective Action Plan

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

Date:	Regulated Entity No.:	Permit No.:
Company Name:		Area Name:

Part 2 (*continued)*

6. Previously Submitted Compliance Plan(s)	
Type of Action	**Date Submitted**
7. Progress Report Submission Schedule	

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

Please note that a Change of Name/Ownership should be submitted on TCEQ Form Number 20405 to ensure that all affected federal operating permits and new source review pre-construction authorizations are updated with the Air Permits Division. If there is no other change to the FOP or any underlying requirements of the FOP, then Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf.

General:

Owners or operators of a site having a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP revision application for those activities at a site which change, add, or remove one or more permit terms or conditions (or changes any underlying requirements in the FOP).

In addition, these owners or operators must complete and submit an application for renewal of a Site Operating Permit (SOP) or authorization to operate (ATO) under a General Operating Permit (GOP) at least 6 months, but no earlier than 18 months, before the date of expiration of the SOP or ATO under a GOP. Permit holders applying for renewal may include revisions during the application processing.

The FOP revision/renewal application must be submitted to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office. The TCEQ requires that a Core Data Form be submitted on all incoming applications unless a Regulated Entity and Customer Reference Number have been issued by the TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or visit the TCEQ website at www.tceq.texas.gov/permitting/central_registry/index.html.

Title 30 Texas Administrative Code § 122.132(c) [30 TAC § 122.132(c)] (relating to "Application and Required Information for Initial Permit Issuance, Reopening, Renewal, or General Operating Permits") and 30 TAC § 122.134(c) (relating to "Complete Application") authorize an applicant to submit an abbreviated initial application. Abbreviated revision and renewal applications are not authorized under 30 TAC Chapter 122 and will not be accepted as complete and/or timely applications.

For submissions to EPA:

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to R6AirPermitsTX@epa.gov. Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with a ".exe" extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to wilson.aimee@epa.gov to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with "confidential" or "CBI" in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson (wilson.aimee@epa.gov) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

Permit Revision Types:

The three permit revision types for an SOP are as follows: administrative revision, minor revision, and significant revision. The type of permit revision that is required will depend on the type of change at the site or to the SOP. Additional information on SOP revisions and application requirements can be found in the SOP Revision Application Guidance, which is located on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html.

For administrative revisions, 30 TAC § 122.213(a)(1) requires the permit holder to record and maintain the information required in 30 TAC § 122.212 with the permit before the change is operated.

For minor revisions due to changes at a site, 30 TAC § 122.217(a)(2) requires the permit holder to submit an application containing the information required in 30 TAC § 122.216 before the change is operated. This information must also be maintained with the permit.

For significant revisions, 30 TAC § 122.221(a)(2) requires the permit holder to submit the information in 30 TAC § 122.220 and obtain a revised permit before the change is operated.

For revisions to an ATO under a GOP due to changes at a site, 30 TAC § 122.503(c)(2) requires the permit holder to submit an application that contains information required in 30 TAC § 122.503(b) before the change is operated. This information must also be maintained with the permit. When a GOP is revised or repealed, the applicant must record and maintain the information required in 30 TAC §§ 122.504(a)(1)(A)-(E) before the compliance date of the new requirement or the effective date of the repealed requirement. This application must be submitted no later than 90 days after the compliance date of the new requirement or the effective date of the repealed requirement.

Further information regarding GOP application requirements can be found in the GOP Revision Application Guidance, which is located on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html.

Form Page Header:
Enter the following information in the header of each page: Date (MM/DD/YYYY) of application submission, Permit Number, Regulated Entity Number, and Company Name.

Table 1

Specific:

I. Application Type:
Indicate the type of application by checking the appropriate box. Please choose only one.

Renewal:
The application is for a renewal of an SOP or ATO under a GOP. The permit holder may include any revisions on this form to be processed under the renewal application. For renewals, the application type will be handled as a renewal regardless of the type of revisions that are included. If a Streamlined Revision (as explained below) is included in the renewal, all applicable provisional terms, and conditions must be included in the application. If a Significant Revision is included with the renewal, the information in Table 3, Section I of this form must be completed.

Significant Revision:
The application contains significant permit revisions as defined in 30 TAC § 122.219. Applicants must revise the permit before operating.

Administrative Revision:
The application contains administrative permit revisions as defined in 30 TAC § 122.211.

Streamlined Revision:
The application contains either **minor permit revisions** as defined in 30 TAC § 122.215 or **revisions to an ATO under a GOP** as defined in 30 TAC § 122.503 or § 122.504, and in which the applicant intends to begin operation prior to updating the permit.
For Streamlined Revision applications, the permit holder must establish and submit provisional terms and conditions as defined in 30 TAC § 122.10. The provisional terms and conditions must include complete identification of all applicable requirements resulting from the change(s) at the site, or any other action, that trigger the requirement for a permit revision (i.e. require the permit holder to apply for a revision of the SOP or revision of the ATO under a GOP). Provisional terms and conditions must also include, where applicable, specific

regulatory citations identifying any requirements that no longer apply. Provisional terms and conditions cannot be established and submitted for any change(s) that trigger a significant revision of the SOP.

When an applicant identifies and submits provisional terms and conditions as part of a permit revision application, or an FOP renewal application that includes revisions to the applicable requirements, these terms and conditions become applicable requirements for the permit area/site. This means that provisional terms and conditions established in this manner are considered as applicable requirements for the permit area/site, after the permit revision or permit renewal application is submitted by the permit holder. The permit holder shall comply with these provisional terms and conditions and meet the requirements of 30 TAC Chapter 122, including deviation and compliance reporting, after the permit revision or permit renewal application is submitted. Note that the choice to establish provisional terms and conditions applies to all requested changes within a Streamlined Revision application.

SOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3.

GOP holders must establish provisional terms and conditions (detailed regulatory citations) and submit this information on Table 2 (of this form) or Form OP-REQ3. As an alternative, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted.

If the applicant does not elect to establish provisional terms and conditions in their application, then the change cannot be operated until the FOP is revised or renewed to codify the applicable requirements into the FOP.

Revision Requesting Prior Approval:
The application contains either minor permit revisions as defined in 30 TAC § 122.215 or revisions to an ATO under a GOP as defined in 30 TAC § 122.503 and in which the applicant elects to update the permit prior to operating the change.

Response to Reopening:
The application contains changes needed to the permit as a result of a reopening notice by the TCEQ. (These changes will be processed under the reopening procedures outlined in 30 TAC Chapter 122, Subchapter C, Division 3.)

II. Qualification Statement

Note: These questions refer to the permit being revised.

For SOP Revisions Only:
Check the "YES" box if the referenced changes qualify for the marked revision type. Otherwise, check the "NO" box.

For GOP Revisions Only:
Check the "YES" box if the referenced changes do not affect the site's authorization to operate under a GOP. Otherwise, check the "NO" box.

III. Major Source Pollutants:

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

Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:

Enter "YES" below all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site's potential to emit. Enter "NO" below all the pollutants for which the site is not a major source. Do not leave any spaces blank.

The column "Other" is provided for a listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids). List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

IV. Reference Only Requirements: *(For reference only.)*

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?

Check the "YES" box if the applicant has paid all emissions fees due during the most recent agency fiscal year (September 1 through August 31). Otherwise, check the "NO" box. If the applicant is not required to pay emissions fees, check the "N/A" box.

Note: If the answer to IV Fee Information is "NO," the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC § 101.24 and § 101.27.

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the "Delinquent Fee and Penalty Protocol." For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at www.tceq.texas.gov/agency/financial/fees/delin.

Table 2

I. Description of Revision

Revision Number:

The revision number uniquely identifies each revision item within the application and may not be reused within the same revision application. Each revision item will be identified by a revision number, which should be assigned sequentially (i.e., "1", "2", "3"). The same revision number will be used on Forms OP REQ2 (Negative Applicable Requirement Determinations) and OP-REQ3 (Applicable Requirements Summary) to identify related changes resulting from the corresponding revision item. Enter a unique number for each revision.

Revision Code:

The revision code determines how each revision will be processed by the APD. Select one of the following options for revision code. Enter the code on the form. For **renewal applications**, select all codes that apply.

Significant Revision (SOPs only):

Code	Description
SIG-A	A significant change to existing monitoring, recordkeeping, reporting, or testing terms or conditions.
SIG-B	Change requiring a case-by-case determination of an emission limit or other standard, or source specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.
SIG-C	Affects or adds a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.
SIG-D	Is a modification under provisions of FCAA, Title 1.
SIG-E	Any other change that does not qualify for an administrative or minor revision.

Administrative Revision (SOPs only):

Code	Description
ADMIN-A	Corrects typographical errors.
ADMIN-B	Identifies a change in the name, address, or phone number of any person identified in the permit or provides a similar administrative change at the site.

ADMIN-C	Increases the frequency of monitoring or reporting requirements without changing any existing emission limitations or standards.
ADMIN-D	Changes the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. *For Change of Name/Ownership revision only (no other change to the SOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf.*
ADMIN-E	Affects or adds a state-only requirement.
ADMIN-F	Changes the location of an off-site permit location.
ADMIN-G	Changes that have been approved by EPA to be administrative revisions. *Further information may be found in the SOP Revision Application Guidance, which is located on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.*

Minor Revision (for SOP Streamlined Revision and Revision Requesting Prior Approval):

Code	Description
MS-A	Adds or modifies a minor New Source Review (NSR) pre-construction authorization.
MS-B	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an SOP.
MS-C	All other changes qualify for a minor revision.

Revision to an ATO under a GOP due to changes at a site (for Streamlined Revision and Revision Requesting Prior Approval):

Code	Description
GS-A	A change, addition, or removal of any applicability determinations or the basis of any determinations in the original GOP application.
GS-B	A correction of typographical errors.
GS-C	A change in the permit identification of ownership or operational control of a site where the TCEQ Executive Director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder is maintained with the permit. *For Change of Name/Ownership revision only (no other change to the ATO under a GOP or any underlying requirements), submit TCEQ Form Number 20405; Form OP-2 is not required. Form Number 20405 is located on the TCEQ website at www.tceq.texas.gov/assets/public/permitting/air/Forms/20405.pdf*

Revision to an ATO under a GOP due to changes in a rule (for Streamlined Revision and Revision Requesting Prior Approval):

Code	Description
GR-A	A revision when a GOP is revised or repealed.
GR-B	A regulation is revised.
GR-C	Adding or deleting a Compliance Assurance Monitoring or Periodic Monitoring option number to a unit in an ATO under a GOP.

Revision Due to a Reopening (SOPs only):

Code	Description
REO	A change, addition, or removal of any applicable requirement resulting from a reopening. Use this code only when revising your permit in response to a permit reopening letter from the TCEQ.

Unit/Group/Process
New Unit:
Enter "YES" if this revision is identifying the addition of a new emission unit not previously identified on any other revision application for this permit. Otherwise, enter "NO."

ID No.:
Enter the identification number (ID No.) of the unit, group, or process as listed on Form OP-SUM (Individual Unit Summary) or Form OP-SUMR (Individual Unit Summary for Revisions) (maximum 10 characters).

Note: Only use group identification numbers when updating existing group information contained on Unit Attribute forms or Form OP REQ3 (Applicable Requirements Summary).

Applicable Form:
Enter the number of the Unit Attribute (UA) form which contains the specific information regarding the corresponding emission unit, emission point, or process (i.e., for flares, enter OP-UA7 entitled "Flares"). A complete list of all available UA forms is located on the TCEQ website at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html. Enter "OP ACPS," if the unit ID No. is entered on this form, strictly as a result of completing Form OP-ACPS (Application Compliance Plan and Schedule) and no UA form is submitted (see Form OP-ACPS instructions for additional guidance). Enter the UA form number if the UA form is used in conjunction with Form OP-REQ2 for negative applicability, or if the emission unit, emission point, or process has positive applicability in addition to the negative applicability. Enter "OP-REQ2" if negative applicability is shown through the use of Form OP-REQ2, no UA information is used to support the negative applicability, and the emission unit, emission point, or process has no positive applicability.

NSR Authorization:
Identify the NSR authorizations (permit by rule (PBR) registration number, PBR number (if registration was not required), NSR permit number, standard permit registration number, etc.) for changes requiring authorization pursuant to 30 TAC Chapter 106 or Chapter 116. If an NSR authorization was not required for the change, enter N/A.

Description of Change and Provisional Terms and Conditions:
Enter a description of the change for which this application is being submitted and list the provisional terms and conditions as applicable. The provisional terms and conditions may be submitted on Form OP-REQ3 instead. For GOP applications, if the provisional terms and conditions are specified in an applicable GOP Index Number, the appropriate Unit Attribute form may be completed and submitted to reference the provisional terms and conditions.

Table 3

I. Significant Revision *(Complete this section if you are submitting a significant revision application or a **renewal application** that includes a significant revision.)*

A. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?

Check the "YES" box if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, check the "NO" box.

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053, and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

If the notices required by 30 TAC § 122.320 and § 122.340 are combined, the combined notice is subject to the requirements of this 30 TAC § 122.322.

B. Indicate the alternate language(s) in which public notice is required:

If the answer to the previous question is "YES," enter the alternate language(s) for which public notice is required in the space provided. Each space should only contain one alternate language. Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is "NO," enter "NONE" in the first space provided and leave the others blank.

C. Will there be a change in air pollutant emissions as a result of the significant revision?

Public Notice requirements in 30 TAC §122.320(b)(5) require the air pollutants with emission changes to be listed in the notice. Check the "YES" box if there will be a change in air pollutant emissions as a result of the significant revision. If there will not be a change in emissions, check the "NO" box and skip question I.D below.

D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Enter this information if the answer to I.C is "YES." Spell out the air pollutant names; for example, nitrogen oxides, volatile organic compounds, lead, and benzene. This information will be used to determine the pollutant names to be included in the public notice.

Enter a descriptive phrase to reflect an addition, increase, decrease, or deletion of an air pollutant emission change as a result of the significant revision.

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

Date:01/16/2025	
Permit No.: O1402	
Regulated Entity No.: RN100213248	
Company Name: Lower Neches Valley Authority	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	☒ YES ☐ NO
I. Application Type	
Indicate the type of application:	
☒ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☐ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)						
Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*						
☐ VOC	☒ NO_X	☐ SO_2	☐ PM_{10}	☒ CO	☐ Pb	☐ HAP
Other:						
IV. Reference Only Requirements *(For reference only)*						
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?				☒ YES	☐ NO	☐ N/A
V. Delinquent Fees and Penalties						
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

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

Date:01/16/2025
Permit No.: O1402
Regulated Entity No.: RN100213248
Company Name: Lower Neches Valley Authority

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

Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	No	GE-03	OP-UA2	106.511	Unit GE-03 was taken out of service and removed from GRPENGS4.
2	MS-C	Yes	GE-01	OP-UA2	106.511	Unit GE-01 was replaced with a new certified 402 HP generator.
3	MS-A	Yes	DIESELTNK1	OP-UA3	106.473	1000 gallon diesel tank added.
4	MS-A	Yes	GASTNK1	OP-UA3	106.473	1000 gallon gasoline tank added.
5	MS-A	Yes	UOILTNK1	OP-UA3	106.472	1000 gallon used lube oil tank added.
6	SIG-C	Yes	DIESELTNK1	OP-UA3	106.473	Requesting permit shield from Chapter 115 requirements for tanks less than or equal to 1000 gallons.
7	SIG-C	Yes	GASTNK1	OP-UA3	106.473	Requesting permit shield from Chapter 115 requirements for tanks less than or equal to 1000 gallons.
8	SIG-C	Yes	UOILTNK1	OP-UA3	106.472	Requesting permit shield from Chapter 115 requirements for tanks less than or equal to 1000 gallons.

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

Date: 01/16/2025		
Permit No.: O1402		
Regulated Entity No.: RN100213248		
Company Name: Lower Neches Valley Authority		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☒ NO
B.	Indicate the alternate language(s) in which public notice is required:	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☒ YES ☐ NO

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

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

Pollutant	Description of the Change in Pollutant Emissions
Volatile Organic Compounds	Potential 0.07 ton per year increase in volatile organic compounds.

Federal Operating Permit Program
Site Information Summary
Form OP-1 – Instructions
Texas Commission on Environmental Quality

Owners or operators of a site required to obtain a federal operating permit (FOP), in accordance with Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), must complete and submit an FOP application to the Texas Commission on Environmental Quality (TCEQ), Office of Air, Air Permits Division (APD), and a copy must be submitted to the appropriate TCEQ regional office, and the United States Environmental Protection Agency (EPA) – Region 6 Office. There are three types of FOPs, and they are as follows: site operating permit (SOP), temporary operating permit (TOP), and general operating permit (GOP). Information on these permit types can be found on the TCEQ website at www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

For submissions to EPA:

EPA Region 6 office has requested that all applications, including any updates, submitted to EPA be provided in electronic format via email to R6AirPermitsTX@epa.gov. Microsoft Word for text, Excel for spreadsheets, and a searchable Adobe Acrobat (pdf) file are the preferred formats. Do not submit any compressed or zip files, or files with an "exe" extension. Do not submit any individual files larger than 10 megabytes via email, and the total size of all attachments cannot exceed 25 megabytes per email. EPA will accept larger files via FTP transfer. Send an email to wilson.aimee@epa.gov to request an FTP link for submittals. Submit confidential information as a separate file and clearly label it with "confidential" or "CBI" in the filename. Identify the associated permit number when submitting information. No hard copies of the information contained in the application should be submitted to EPA.

Please contact Ms. Aimee Wilson (wilson.aimee@epa.gov) at (214) 665-7596 if you have any questions pertaining to electronic submittals.

General:

The purpose of this form is to provide general information regarding the company, site, and area for which an FOP application is being submitted. **This form is required for all initial and renewal FOP applications.** This form is only required for FOP revision applications if the information on this form has changed. FOP revision and renewal applications must include Form OP-2 (Application for Permit Revision/Renewal), at a minimum.

Note: For a change of company name or ownership only, submit TCEQ Form Number 20405. Form OP-1 is not required.

For initial FOP issuance only, an abbreviated application (at a minimum) must be submitted in accordance with 30 TAC § 122.130. An abbreviated application consists of Form OP-1 (Site Information Summary), Form OP-CRO1 (Certification by Responsible Official), and a TCEQ Core Data Form. In accordance with 30 TAC § 122.130, the executive director will inform the applicant in writing of the deadline for submitting the remaining application information (full application).

Information regarding SOP application requirements can be found on TCEQ's Air Site Operating Permit Guidance webpage located at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html. Information regarding GOP application requirements can be found on TCEQ's Air General Operating Permit Guidance webpage located at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_gop_guidance.html.

Submitting a timely and complete application, as defined in 30 TAC §§ 122.133 and 122.134, is critical and allows the applicant to receive the benefit of an application shield, as defined in 30 TAC § 122.138. The application shield serves as authorization to operate the site until final action is taken on the application. **Failure to supply any information requested by the TCEQ, pursuant to the application review, may result in the loss of the application shield.**

The responses to most data elements in Form OP-1 are limited in some way. **Responses not made according to the instructions may result in delays in this or other permitting actions**.

1) Some responses have a character limit. (Example: "Company Name," maximum 50 characters.) The responses may consist of characters, digits, or a combination of the two. When appropriate, common abbreviations can be used to fit a response into the space allotted.

2) Some responses are limited to "Yes" or "No" and in some cases "N/A" for "not applicable." Applicants must select one of these options. "N/A" is an acceptable response only when it is stated in the instructions for the question.

3) Some responses must be in a specific format. (Examples: Dates, MM/DD/YYYY; Latitude/Longitude, DDD:MM:SS.)

4) Some responses are limited to a set of mutually exclusive response options, and selections are recorded by placing an "X" in the box next to the appropriate response. (Example: "Permit Type.")

TCEQ requires that a Core Data Form be submitted with all incoming permit applications unless a Regulated Entity and Customer Reference Number have been issued by TCEQ and no core data information has changed. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

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Page 1:

Specific:

I. Company Identifying Information

A. Company Name:

Enter the name of the company for which the application is being submitted (maximum 50 characters). The company name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company. The company name on this form and the TCEQ Core Data Form should match.

B. Customer Reference Number (CN):

Enter the customer reference number (CN*XXXXXXXXX*). This number is issued by TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

C. Submittal Date:

Enter the date the application is being submitted by the applicant to TCEQ (*MM/DD/YYYY*).

II. Site Information

A. Site Name:

Enter the name of the site for which the application is being submitted (maximum 50 characters). The Site Name on this form and the Regulated Entity Name listed in Section III of the TCEQ Core Data Form should match.

B. Regulated Entity Reference Number (RN):

Enter the regulated entity reference number for the site (RN*XXXXXXXXX*). This number is issued by TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

C. Indicate Affected State(s) Required to Review Permit Application:

As stated in 30 TAC § 122.330(b), an affected state may be Arkansas (AR), Colorado (CO), Kansas (KS), Louisiana (LA), New Mexico (NM), or Oklahoma (OK), if the state's air quality may be affected by the issuance or denial of a federal operating permit, revision, or renewal; or that state is within 50 miles of the site.

Place an "X" in the space to the left of the affected state(s) that is applicable. Place an "X" to the left of "N/A" if the affected state review is not applicable.

GOP applications do not require affected state review. Therefore, all GOP applicants should place an "X" to the left of "N/A."

D. Indicate all pollutants for which the site is a major source based on the site's potential to emit:

Place an "X" in the box to the left of the pollutant for all the pollutants for which the site is classified as a major source, as defined in 30 TAC § 122.10, based on the site's potential to emit. Otherwise, leave the box blank.

The row "Other" is provided for the listing of non-criteria regulated air pollutants for which a site is a major source. (Example: chlorinated compounds, inorganic acids) List the pollutant name in the space provided (maximum 20 characters). If there are none, leave this space blank.

Further information regarding the potential to emit can be found in the Potential to Emit Guidance, which is located on the TCEQ website at:
www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

E. Is the Site a Non-Major Source Subject to the Federal Operating Permit Program?

Place an "X" in the box for "Yes" if the site is a non-major source (or area source) subject to the Federal Operating Permit Program. Otherwise, place an "X" in the box for "No." (Note that if the response to this question is "Yes," then the responses to question II.D above should all be "No.")

F. Is the Site Within a Local Program Area Jurisdiction?

Place an "X" in the box for "Yes" if the site is located within the jurisdiction of a local air pollution control program. Otherwise, place an "X" in the box for "No."

A list of local air pollution control programs is located on the TCEQ website at:
www.tceq.texas.gov/permitting/air/local_programs.html.

G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?

Place an "X" in the box for "Yes" if emissions averaging will be used by an affected source at the site to comply with any Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) requirement, relating to National Emission Standards for Hazardous Air Pollutants for Source Categories that has been promulgated at the time of application submittal. Otherwise, place an "X" in the box for "No."

Emissions averaging, as defined in 40 CFR § 63.2, is a way to comply with the emission limitations specified in a relevant standard, whereby an affected source, if allowed under a subpart of this part, may create emission credits by reducing emissions from specific points to a level below that required by the relevant standard, and those credits are used to offset emissions from points that are not controlled to the level required by the relevant standard.

H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:

If emissions averaging will be used by an affected source at the site to comply with any 40 CFR Part 63 Subpart, enter the subpart(s) designation (Example: N, P, CC, KK) in the space provided. If emissions averaging will not be used, leave this space blank.

III. Permit Type:

A. Type of Permit Requested:

Indicate the type of permit for which this application is being submitted by placing an "X" in the space to the left of the selection (SOP, TOP, or GOP). Select only one response.

Information on the different permit types can be found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

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IV. Initial Application Information *(Complete for Initial Issuance Applications only.)*

A. Is this submittal an Abbreviated or Full Application?

Indicate the type of application ("Abbreviated" or "Full") by placing an "X" in the space to the left of the selection.

Abbreviated applications must be submitted in accordance with 30 TAC § 122.130. An abbreviated application only includes Form OP-1, Form OP-CRO1 (Certification by Responsible Official), and the TCEQ Core Data Form. If the submitted application is not an abbreviated application, select "Full."

B. If this is a Full Application, is this submittal a follow-up to an Abbreviated Application?

Place an "X" in the box for "YES" if this submittal is a full application, which is being submitted in response to a request for follow-up information regarding an abbreviated application that was submitted earlier. If this submittal is a full application (Application Type = "Full") *and no abbreviated application was submitted earlier,* place an "X" in the box for "NO." If this submittal is an abbreviated application (Application Type = "Abbreviated"), leave this space blank.

C. If this is an Abbreviated Application, is this an early submittal for a combined SOP and Acid Rain permit?

Place an "X" in the box for "YES" if this submittal is an early submittal for a combined SOP and Acid Rain permit. Place an "X" in the box for "NO" if this submittal is not an early submittal for a combined SOP and Acid Rain permit. If this submittal is a full application (Application Type = "Full"), leave this space blank.

D. Has an electronic copy of this application been submitted (or is being submitted) to EPA at R6AirPermitsTX@epa.gov?

Place an "X" in the box for "Yes" if an electronic copy of this application has been submitted (or is being submitted) to EPA. If not, place an "X" in the box for "No." (See "For submissions to EPA" above for additional information.)

E. Has the required Public Involvement Plan been included with this application?

Place an "X" in the box for "Yes" if this submittal contains a Public Involvement Plan. Place an "X" in the box for "No" if this submittal does not contain a Public Involvement Plan. (For more information see Public Involvement Plan (PIP) Form for Certain NSR and Title V Air Permit Applications on the TCEQ website at www.tceq.texas.gov/permitting/air/air_permits.html.)

V. Confidential Information

A. Is confidential information submitted in conjunction with this application?

Place an "X" in the box for "Yes" if any confidential information is being submitted in conjunction with this application. Otherwise, place an "X" in the box for "No." All confidential information must be submitted according to the TCEQ guidance located at: www.tceq.texas.gov/permitting/air/titlev/apps_timelines.html#confidential.

VI. Responsible Official (RO) Identifying Information

The RO must be listed in this section even if the duties will be delegated to a Duly Authorized Representative (DAR). The DAR information should be provided on the Form OP-DEL (Delegation of Responsible Official). Additional information on Responsible Official and Certification can be found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/ro_and_certs.html.

Note: For a change of RO and RO information, Form OP-CRO2 (Change of Responsible Official) must be submitted to the TCEQ.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the RO pursuant to 30 TAC § 122.132(e) and 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters).

Enter the name of the company, firm, etc. that employs the RO (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter an internal mail code, telephone number, fax number, and email address of the RO listed.

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VII. Technical Contact Identifying Information (*Complete if different from RO information.*)

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the technical contact for this application, if different from the RO (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the technical contact (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and ZIP Code. Enter an internal mail code, telephone number, fax number, and email address of the technical contact listed.

VIII. Reference Only Requirements (For reference only.)

Certification by the RO pursuant to 30 TAC § 122.165 does not extend to information which is designated on forms as "For reference only."

A. State Senator:

Enter the name of the state senator representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state senator for the area in which the site is located. State senator information may be obtained by contacting the State Senate at (512) 463-0100 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the Texas Senate Internet site at www.legis.state.tx.us/.

B. State Representative:

Enter the name of the state representative representing the area in which the site is located (maximum 25 characters).

TCEQ will send notification of the receipt of a permit application to the state representative for the area in which the site is located. State representative information may be obtained by contacting the House of Representatives at (512) 463-4630 or the Legislative Reference Library at (512) 463-1252. Information may also be obtained via the House of Representatives Internet site at www.legis.state.tx.us/.

C. **Has the applicant paid emissions fees for the most recent agency fiscal year?**

Place an "X" in the box for "Yes" if the applicant has paid all emissions fees, or inspection fees, if applicable, due during the most recent agency fiscal year (September 1 - August 31). Otherwise, place an "X" in the box for "No." If the applicant is not required to pay emissions fees, place an "X" in the box for "N/A."

If the answer to VIII.C. is "No" or "NA," the applicant is required to contact the Industrial Emissions Assessment Section at (512) 239-1459. For further information regarding inspection fees and emission fees, please refer to 30 TAC §§ 101.24 and 101.27.

D. **Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?**

Place an "X" in the box for "Yes" if the site is subject to the bilingual notice requirements pursuant to 30 TAC § 122.322. Otherwise, place an "X" in the box for "No."

The requirements of 30 TAC § 122.322 are applicable when either the elementary school or the middle school located nearest to the facility, or proposed facility, provides a bilingual education program, as required by Texas Education Code § 29.053 and 19 TAC § 89.1205(a) (relating to Required Bilingual Education and English as a Second Language Programs), or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205 should not be considered when determining the applicability of 30 TAC § 122.322 requirements.

Elementary or middle schools that offer English as a second language under 19 TAC § 89.1205(d) and are otherwise not affected by 19 TAC § 89.1205(a), will not trigger the requirements of 30 TAC § 122.322(a).

E. **Indicate the alternate language(s) in which public notice is required:**

If the answer to the previous question is "Yes," enter the alternate language(s) for which public notice is required in the space provided.

Please use a separate page to indicate the alternate languages if additional space is required. If the answer to the previous question is "No," enter "None."

Examples:

VIII. Reference Only Requirements *(For reference only.)*		
D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
E.	Indicate the alternate language(s) in which public notice is required:	Spanish, Vietnamese, German

VIII. Reference Only Requirements *(For reference only.)*		
D.	Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☐ YES ☒ NO
E.	Indicate the alternate language(s) in which public notice is required:	None

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IX. Off-Site Permit Request *(Optional)*

Complete this section only if the applicant wishes to maintain the FOP and records at a location other than the site designated in the "Site Information" section of this form.

A. **Office/Facility Name:**

Enter the name of the office or facility where the FOP and records are to be held (maximum 50 characters).

Physical Address: Enter the physical address of the office or facility, including city, state, and ZIP Code (physical address - maximum 50 characters and city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. The physical address cannot be a Post Office Box.

B. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the office or facility where the permit is to be held (maximum 250 characters). *(Example: Highway 100, 2 miles west of County Road 12.)* Leave Physical Location blank if there is a Physical Address.

C. **Contact Name:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of a contact person at the office or facility where the FOP and records are to be held (maximum 50 characters).

E. **Telephone:**

Enter the contact person's telephone number with the area code.

X. Application Area Information

This section pertains to the application area. If only one application is being submitted (or was submitted) for the entire site, then the following information relates to the site as a whole.

A. **Area Name:**

Enter the name of the application area (maximum 50 characters). If more than one permit is proposed for the site, the area name should be descriptive enough to provide a clear distinction of the portion of the site covered under this application. (*Examples: "Tank Battery #1," "North Loading Area".*) If there is only one permit proposed for the site, the area name must be the same as the site name in the "Site Information" section of this form. Note that the area may refer to a subset of units at the site to be covered by an application; it need not refer to a distinct physical area. This name will eventually be used as the name for the permit.

B. **Physical Address:**

Enter the physical address of the application area, including city, state, and zip code (physical address - maximum 50 characters and city - maximum 25 characters). If there is a physical address, skip X.C-F below.

C. **Physical Location:**

If a physical address does not exist, provide a description of the physical location of the application area (maximum 250 characters). *(Example: Highway 100, 2 miles west of County Road 12.)*

D. **Nearest City:**

Enter the name of the city or municipality nearest to the application area, or in which the application area is located (maximum 25 characters).

E. **State:**

Enter the state in which the nearest city is located.

F. **ZIP Code:**

Enter the zip code of the application area. *(This is used for location purposes and must be provided even if the facility does not receive mail delivery.)*

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G. **Latitude:**

Enter the latitude coordinate for the application area (DDD:MM:SS). Latitude indicates the angular distance (in degrees) of a location north of the equator and will always be between 25 and 37 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, U.S. Geological Survey (USGS) maps, or from county maps prepared by the Texas Department of Transportation (TxDOT).

H. **Longitude:**

Enter the longitude coordinate for the application area (DDD:MM:SS). Longitude indicates the angular distance (in degrees) of a location west of the prime meridian and will always be between 93 and 107 degrees in Texas. Coordinates of the area must be shown to the nearest second and can be obtained from most city engineers, USGS maps, or county maps prepared by TxDOT.

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?**

Place an "X" in the box for "Yes" if there are one or more emission units in the application area that are out of compliance. "Out of compliance" means a situation in which an emission unit or an operating condition may not be in compliance with one or more applicable requirements. Information on these units will be forwarded to the appropriate regional office. Title 30 TAC Chapter 122 requires that a description of the compliance status for all emission units be provided in a full application. Additional compliance information for full applications is provided on Form OP-ACPS (Application Compliance Plan and Schedule). If all emission units in the application area are believed to be in compliance, place an "X" in the box for "No."

J. **Estimated number of emission units in the application area:**

Enter an estimated number of emission units in the application area with potentially applicable requirements. Do not include emission units that will only be addressed on Form OP-REQ1 (Application Area-wide Applicability Determinations and General Information).

K. **Are there any emission units in the application area subject to the Acid Rain Program?**

Place an "X" in the box for "YES" if any emission units in the application area are subject to the Acid Rain Program (ARP), including the Opt-in Program. Otherwise, place an "X" in the box for "No."

If the response to this question is "YES," submit the appropriate forms for an acid rain permit, if not already submitted. Applications for acid rain permits for opt-in sources to the ARP shall be submitted in accordance with 40 CFR Part 74.

The Opt-in Program allows stationary combustion sources not required to participate in the ARP the opportunity to enter the program on a voluntary basis, reduce their sulfur dioxide (SO_2) emissions, and receive their own acid rain allowances. Combustion sources are defined as fossil fuel-fired boilers, turbines, or internal combustion engines. An opt-in source must comply with the same or similar provisions as utility units affected under the mandatory ARP. These provisions relate to allowance trading, permitting, excess emissions, monitoring, end-of-year compliance, and enforcement. Most basic to the program is the requirement that each year the opt-in source must hold enough allowances to cover its annual SO_2 emissions. For additional information, please refer to 40 CFR Part 74.

L. **Affected Source Plant Code:**

If the answer to the previous question is "Yes," enter the plant code in the space provided. A plant code is a 4- or 5-digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, "Plant Code" is synonymous with "ORISPL" and "Facility" codes. If the plant generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at EIA-860@eia.gov. For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with "88"). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at desantis.laurel@epa.gov.

XI. Public Notice

Complete this section for SOP Applications (initial, renewal, and significant revision) and Acid Rain Permit Applications only.

A. **Name of a public place to view application and draft permit:**

Enter the name of the public place where the application and draft permit will be available for review and copying by the public throughout the public notice period.

The public place must be publicly owned or operated, such as a library, courthouse, or city hall, and must be located in the same county as the site. The TCEQ Regional Office may be used as a public place if it is located in the same county as the site.

B. **Physical Address:**

Enter the public place physical address, including city and zip code (physical address – maximum 50 characters and city - maximum 25 characters).

C. **Contact Person:**

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name of the contact person who will answer questions from the public during the Public Notice Period (Last Name, First Name, MI; maximum 25 characters). This information will be published in the newspaper notice.

Enter the mailing address, including city, state, zip code (address - maximum 50 characters; city - maximum 25 characters). If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter the internal mail code that is part of the mailing address of the contact person, if applicable (maximum 10 characters). Enter the contact person's telephone number with the area code. This information will be published in the newspaper notice.

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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 the Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol." For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at: www.tceq.texas.gov/agency/fees/delin/index.html.

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

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the DR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the DR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter an internal mail code, telephone number, fax number, and email address of the DR listed.

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XIV. Alternate Designated Representative (ADR) Identifying Information

If there is no ADR, leave this section blank.

Place an "X" next to the appropriate conventional title (Mr./Mrs./Ms./Dr.). Enter the name and title of the ADR pursuant to 30 TAC § 122.165 (Last Name, First Name, MI; maximum 25 characters). Enter the name of the company, firm, etc. that employs the ADR (maximum 50 characters). The company or firm name should be the name used to incorporate, for which a franchise tax identification number has been issued. If a franchise tax identification number has not been issued, then enter the most identifying name for the company or firm. Enter the mailing address, including city, state, zip code. If the mailing address is not within the United States, enter the territory, country, and foreign postal code, rather than the state and zip code. Enter an internal mail code, telephone number, fax number, and email address of the ADR listed.

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: Lower Neches Valley Authority
B.	Customer Reference Number (CN): **CN** 600126502
C.	Submittal Date *(mm/dd/yyyy)*: 01/16/2025
II.	**Site Information**
A.	Site Name: Neches 1st Pumping Station
B.	Regulated Entity Reference Number (RN): **RN** 100213248
C.	Indicate affected state(s) required to review permit application: *(Check the appropriate box[es].)*
☐ AR ☐ CO ☐ KS ☐ LA ☐ NM ☐ OK ☒ N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: *(Check the appropriate box[es].)*
☐ VOC ☑ NO_X ☐ SO_2 ☐ PM_{10} ☒ CO ☐ Pb ☐ HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? ☐ Yes ☒ No
F.	Is the site within a local program area jurisdiction? ☐ Yes ☒ No
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ Yes ☒ No
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III.	**Permit Type**
A.	Type of Permit Requested: *(Select only one response)*
☒ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ 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** *(Complete for Initial Issuance Applications Only.)*	
A.	Is this submittal an abbreviated or a full application?	☐ Abbreviated ☒ Full
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ Yes ☒ No
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ Yes ☒ 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.)	☒ Yes ☐ No
E.	Has the required Public Involvement Plan been included with this application?	☐ Yes ☒ No
V.	**Confidential Information**	
A.	Is confidential information submitted in conjunction with this application?	☐ Yes ☒ No
VI.	**Responsible Official (RO) Identifying Information**	
RO Name Prefix: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)		
RO Full Name: Scott Hall		
RO Title: General Manager		
Employer Name: Lower Neches Valley Authority		
Mailing Address: 7850 Eastex Freeway		
City: Beaumont		
State: TX		
ZIP Code: 77708		
Territory: N/A		
Country: USA		
Foreign Postal Code: N/A		
Internal Mail Code: N/A		
Telephone No.: 409-892-4011		
Fax No.:		
Email: scott.hall@LNVA.dst.tx.us		

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

VII. Technical Contact Identifying Information *(Complete if different from RO.)*	
Technical Contact Name Prefix: (☐ Mr. ☐ Mrs. ☒ Ms. ☐ Dr.)	
Technical Contact Full Name: Jeannie Mahan	
Technical Contact Title: Environmental Laboratory Manager	
Employer Name: Lower Neches Valley Authority	
Mailing Address: 7850 Eastex Freeway	
City: Beaumont	
State: Texas	
ZIP Code: 77708	
Territory: N/A	
Country: USA	
Foreign Postal Code: N/A	
Internal Mail Code: N/A	
Telephone No.: 409-892-4011	
Fax No.: N/A	
Email: jeanniem@LNVA.dst.tx.us	
VIII. Reference Only Requirements *(For reference only.)*	
A. State Senator: Ted Cruz, Robert Nichols	
B. State Representative: Christian Manuel	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	☒ Yes ☐ No ☐ N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	☐ Yes ☒ No
E. Indicate the alternate language(s) in which public notice is required:	

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

IX.	**Off-Site Permit Request** *(Optional for applicants requesting to hold the FOP and records at an off-site location.)*
A.	Office/Facility Name:
B.	Physical Address:
City:	
State:	
ZIP Code:	
Territory:	
Country:	
Foreign Postal Code:	
C.	Physical Location:
D.	Contact Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)
Contact Full Name:	
E.	Telephone No.:
X.	**Application Area Information**
A.	Area Name: Neches 1st Pumping Station
B.	Physical Address: 10550 Helbig Road
City:	Beaumont
State:	Texas
ZIP Code:	77708
C.	Physical Location:
D.	Nearest City: Beamont
E.	State: Texas
F.	ZIP Code: 77708

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): 30:10:7
H.	Longitude (nearest second): 94:9:17
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? ☐ Yes ☒ No
J.	Indicate the estimated number of emission units in the application area:
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ Yes ☒ 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: R C Miller Library
B.	Physical Address: 1605 Dowlen Road
City:	Beaumont
ZIP Code:	77706
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (☐ Mr. ☐ Mrs. ☒ Ms. ☐ Dr.):	
Contact Person Full Name:	Jeannie Mahan
Contact Mailing Address:	PO BOx 5117
City:	Beaumont
State:	TX
ZIP Code:	77726
Territory:	N/A
Country:	USA
Foreign Postal Code:	N/A
Internal Mail Code:	N/A
Telephone No.:	409-892-4011

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
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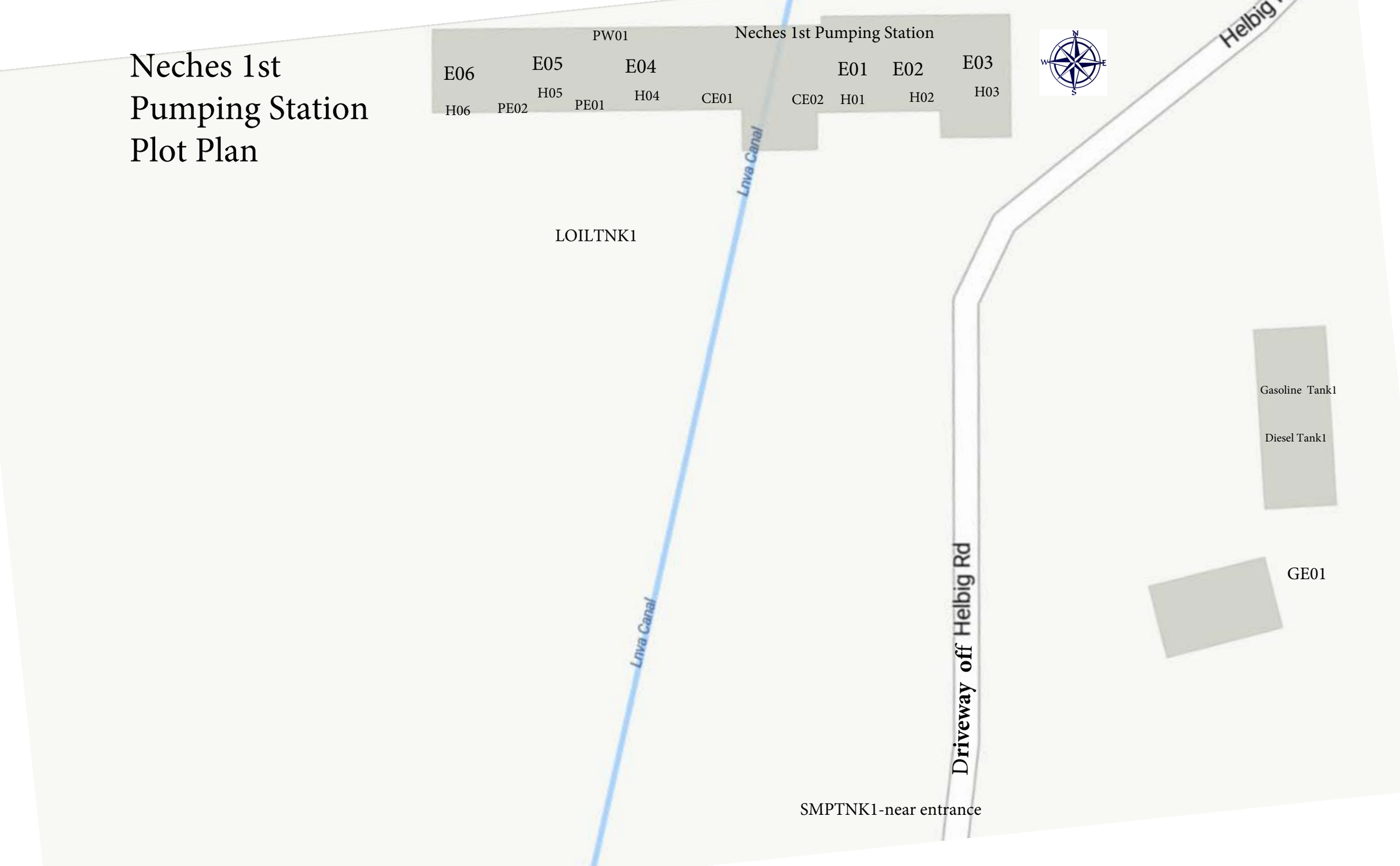
Texas Commission on Environmental Quality

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:

PRINT FORM RESET FORM

Neches 1st Pumping Station Plot Plan



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

General:

All units and processes addressed in the application for a permit under Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122) must be listed on this form. The term "unit" in these instructions has the meaning of "emission unit" as defined in 30 TAC Chapter 122. The term "process" refers to a collection of units or devices that have a physical relationship, or source cap, where a regulatory requirement is potentially applicable to the process as a whole.

The purpose of this form is to list individual units and processes addressed in the initial Federal Operating Permit (FOP) application and to provide identifying information and preconstruction authorizations. (Form OP-SUMR should be used for revisions and renewals.) This form is also used to designate members of groups.

The following units and processes are required to be listed:

- Units or processes with one or more potentially applicable requirements as indicated by a corresponding unit attribute (UA) form;
- Units or processes for which a permit shield for one or more potentially applicable requirements is being requested on Form OP-REQ2 (For details, see Form OP-REQ2, Negative Applicable Requirement Determinations); and
- Units or processes listed on Form OP-ACPS, Application Compliance Plan and Schedule.

Units or processes for which the only potentially applicable requirement is a New Source Review (NSR) authorization and no additional monitoring is required are not required to be listed on Form OP-SUM, except when required due to appearance on Form OP-ACPS.

Note: The NSR authorization(s) covering these units and processes must be identified in Section XII of Form OP-REQ1, Application Area-Wide Applicability Determinations and General Information.

The corresponding preconstruction authorization for each unit and process addressed in the application must also be listed on this form. For units or processes which were authorized to construct or modify under Permits by Rule (PBR), list all applicable PBR information, including registration numbers. If a unit or process is authorized under more than one preconstruction authorization, then list all applicable preconstruction authorizations, including any Prevention of Significant Deterioration (PSD) and/or nonattainment permit(s).

Groups:

- A "group" is a collection of units or devices that have identical applicability (or non-applicability) determinations and may, or may not, have a physical relationship.
- Group members may have different 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations.
- Groups may be used on UA forms only if all unit attributes are identical.
- Flares cannot be grouped.
- All groups must be mutually exclusive. Units cannot be listed in more than one group on a given UA form.
- Grouping is optional.
- Groups are assigned an ID No. by the applicant, which must begin with the prefix "GRP" followed by a maximum of seven characters (GRP*XXXXXXX*).

Processes:

- A "process" is a quasi-unit representing a collection of units or devices that have a physical relationship and for which a regulatory requirement applies to the process as a whole.

  Example: Title 40 Code of Federal Regulations Part 60, Subpart LLL (40 CFR Part 60, Subpart LLL) would apply to a process consisting of a sweetening unit, followed by a sulfur recovery unit. But it would not be appropriate to represent 40 CFR Part 60, Subpart LLL as applying to the individual member units, therefore the "process" is designated to represent this applicability.

- Individual units in a process do not need to be identified unless they have potentially applicable requirements unto themselves. Use multiple lines to identify such units.
- The Process ID must appear as an entry in the Unit ID No. column of Form OP-SUM, and a Name/Description and Preconstruction Authorization information must be provided.
- Processes are assigned an ID No. by the applicant, which must begin with the prefix "PRO" followed by seven or less characters (PRO*XXXXXXX*).
- The UA forms that are applicable to processes will ask for the Process ID No., instead of the Unit ID No.

The Company Name and Area name (from Form OP-1, Section I and X, respectively) must appear in the header of each page for the purpose of identification. The date of submittal must also be included and should be consistent throughout the application (*MM/DD/YYYY*). Any subsequent submittals must show the date of revision. Also, enter the Regulated Entity Reference Number (RN*XXXXXXXXX*) and (FOP) Permit Number (O*XXXX*), if assigned.

Specific:

Table 1

Unit/Process ID No.:
Each unit or process must be assigned an identification number. (Maximum 10 characters)

- For emission **units and processes** with potentially applicable requirements, enter the Facility ID Nos. (FINs) as listed in the TCEQ State of Texas Air Reporting System (STARS);
- For emission **points** with potentially applicable requirements, enter the emission point numbers (EPNs) as listed in the STARS; or
- If the FIN or EPN currently does not exist in the STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant.
- If a unit is included in the application strictly as a result of its appearance on Form OP-ACPS, then follow the instructions for Form OP-ACPS when selecting an appropriate ID No.
- Unit/Process ID Nos. cannot begin with "GRP" (the character sequence reserved for Group ID Nos.) and must begin with "PRO" when a Process ID No. is required.

  Note: Due to differences between the TCEQ Air Permits Division and TCEQ Industrial Emissions Assessment Section, identification numbers for fugitive sources designated for 30 TAC Chapter 122 purposes may be different than those used for STARS purposes.

  If there is no difference between the fugitive area defined for 30 TAC Chapter 122 purposes and the fugitive area used for STARS purposes, enter the fugitive ID No. as listed in the STARS.

  If a difference exists because new fugitive areas have been created for 30 TAC Chapter 122 purposes, or if the fugitive area has not been assigned an ID No. in the STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant.

Applicable Form:
Enter the number of the UA form which contains the specific information regarding the corresponding emission unit, emission point, or process.

- List the Unit Attribute (UA) form number corresponding to the type of unit or process (OP-UA*XX*), e.g. "OP-UA7" for a flare. The UA form number should be listed unless one of the following conditions below is met. If a Unit ID No. appears on multiple unit attribute forms, the Unit ID should be repeated on this form, which each unit attribute form listed once as the Applicable Form. See www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html for a list of UA forms.
- If the unit is included in the application strictly as a result of its appearance on Form OP-ACPS (Application Compliance Plan and Schedule), **and** the unit does not appear on any UA form, "OP-ACPS" may be entered as the Applicable Form. If the unit is included in the application strictly as a result of a negative applicability determination, **and** the unit does not appear on any UA form for positive or negative determinations, "OP-REQ2" may be entered as the Applicable Form. If the unit appears on any unit attribute form, do not list OP-REQ2 as an Applicable Form.

  Note: The Applicable Form is used to designate the Unit Type that will appear in the Unit Summary of the FOP. Also, each combination of Unit/Process ID No. and Applicable Form is considered a distinct unit or process within the FOP. For example, UNITX/OP-UA6 and UNITX/OP-UA15 are considered distinct units in the application and must be addressed separately in application updates, revisions, or renewals.

Unit/Process Name/Description:
Each unit or process must be given a name or description that distinguishes it from other units as much as practicable. The Unit/Process Name/Description should clearly indicate the type of unit. If possible, please avoid using generic descriptions, such as "Tank" or "Boiler," for multiple units. (Maximum 50 characters)

- Enter a text name or description for the unit or process from the STARS whenever possible.
- If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

CAM *(For reference only)***:**
Indicate if the unit is subject to 40 CFR Part 64 by placing an "X" in the "CAM" column next to the unit. Please refer to 40 CFR Part 64 to determine applicability. *Certification by the Responsible Official (RO) pursuant to 30 TAC § 122.165 does not extend to the information which is designated on forms as "For reference only."*

Preconstruction Authorizations:
At least one preconstruction authorization must be indicated for each unit; however, a unit may have multiple authorizations. *All preconstruction authorizations listed on this form must also be identified on Form OP-REQ1.*

30 TAC Chapter 116/30 TAC Chapter 106:
List all 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations, including PBR registration numbers, under which the unit or process is operating. Use additional lines to list multiple authorizations.

Permit Number:
Enter the TCEQ NSR permit number(s) (*XXXXX*), for example, 12345. This includes special permits and standard permit registrations. Do not enter PSD permits and nonattainment permits.

Permit by Rule *(previously called Standard Exemption)*:
For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number and effective date in the appropriate format shown below.

Note: All units authorized by PBR must also be identified on Form OP-PBRSUP.

Format	PBR/standard exemption claimed or registered date
106.*XXX/MM/DD/YYYY[rrrr]*	Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)
XXX/MM/DD/YYYY[rrrr]	Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.
MM/*DD*/*YYYY* = Effective date of the Standard Exemption or PBR in effect at the time claimed or granted. Information on Chapter 116 version dates is available at www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html.

Information on Chapter 106 version dates is available at www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html.

[rrrr] = Registration number for the authorization. If multiple registration numbers apply, list them separated by commas.

Examples: Standard exemptions and PBRs would be reflected in Form OP-SUM as follows:

Authorization	Std. Ex./PBR No.	Date Authorized	Format
Authorized on or after March 14, 1997	106.473	July 25, 1997	106.473/03/14/1997[1010, 2020]
Authorized prior to March 14, 1997	53	October 20, 1990	53/09/12/1989[1010, 2020]

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116 and each standard exemption had an assigned number, e.g., 112. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and now is referred to as a PBR. (Standard exemptions were readopted under the PBR designation on March 14, 1997.) Information regarding PBRs may be found on the TCEQ website at www.tceq.texas.gov/permitting/air/nav/air_pbr.html.

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as 6/07/20/1992[rrrr], where [rrrr] is the registration number.

As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as 106.512/03/14/1997[rrrr], where [rrrr] is the registration number.

Also, please note that as of August 1, 2020, PBR registration numbers are required to be submitted on this form.

Title I:
List all Title I preconstruction authorizations (PSD and nonattainment permits) for which the unit is operating. Use multiple lines to list all authorizations. The format of the entry is based on the types of authorization, below. *Title I authorizations should only be listed for units addressed by the PSD or nonattainment permits.*

Prevention of Significant Deterioration (PSD) Permit:
Enter the PSD permit number (PSDTX*XXX*), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTX*XXX*M*XX*), for example, PSDTX123M5.

Nonattainment Permit:
Enter each nonattainment permit number (N*XXX*), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (N*XXX*M*XX*), for example, N123M5.

Group ID No.:
If applicable, enter the unique identification number for the group which includes this unit (GRP*XXXXXXX*). If the unit is not a member of a group, leave this column blank. (See general instructions, above, for information regarding requirements for grouping units in FOP applications.)

Examples: The following examples are intended as guidance on completion of columns on Form OP-SUM for various situations. It should be assumed that units in these examples meet all criteria for inclusion in the application, and appear on UA forms. Criteria for grouping are also assumed to be satisfied.

1. Two boilers and their associated stack with flow rates greater than 100,000 acfm:

FIN	EPN	Facility Name	Point Name
B-1	B-1-STK	BOILER 1	BOILER 1 STACK
B-2	B-2-STK	BOILER 2	BOILER 2 STACK

2. A floating roof tank that is part of a polymer manufacturing process (process identification number PRO-POLY), which also has additional applicable requirements unto itself:

FIN	EPN	Facility Name	Point Name
T-3	T-3	TANK 3	TANK 3

3. A process fugitive area:

FIN	EPN	Facility Name	Point Name
FUG-1	FUG-1	FUGITIVES	FUGITIVES

The units, groups, and processes would be reflected in Form OP-SUM as follows *(CAM and Preconstruction Authorizations are not shown)*:

Unit/Process ID No.	Applicable Form	Unit Name/Description	Group ID No.
B-1	OP-UA6	Boiler 1	GRP-BOILER
B-1-STK	OP-UA15	Boiler 1 Stack	GRP-STACK
B-2	OP-UA6	Boiler 2	GRP-BOILER
B-2-STK	OP-UA15	Boiler 2 Stack	GRP-STACK
PRO-POLY	OP-UA28	Polymer Manufacturing Process	
T-3	OP-UA3	Tank 3	
FUG-1	OP-UA12	Process Fugitives	

Table 2

Complete Table 2 only for Affected Sources that are subject to the following Program(s): Acid Rain and/or Cross-State Air Pollution Rule (CSAPR), and/or Texas SO_2 Trading Program.

General:

The Acid Rain Program Permit Requirements, as defined in 30 TAC Chapter 122, Subchapter E, require that the Designated Representative (DR) or Alternate Designated Representative (ADR) submit a permit application for each facility (affected source) with an affected unit. A complete permit application is binding on the owners and operators of the affected source and is enforceable in the absence of a permit until the permitting authority either issues a permit to the source or disapproves the application. The responsibilities of the Designated Representative and Alternate Designated Representative of a CSAPR source, as defined in 40 CFR Part 97 (CSAPR NO_X and SO_2 Trading Programs), require that each submission under an applicable CSAPR Trading Program shall be made, signed, and certified by the Designated Representative or Alternate Designated Representative for each CSAPR source and CSAPR unit for which the submission is made.

Any reference in these instructions to the Designated Representative (DR) means the Acid Rain Designated Representative and/or the CSAPR Designated Representative, as applicable. Any reference to the Alternate Designated Representative (ADR) means the Alternate Acid Rain Designated Representative and/or the Alternate CSAPR Designated Representative, as applicable. As reflected in this form, the Acid Rain Designated Representative and the CSAPR Designated Representative for a facility (source) must be the same individual, and the Alternate Acid Rain Designated Representative and the Alternate CSAPR Designated Representative for a source must be the same individual, if such a source has units subject to the Acid Rain and CSAPR Programs.

Affected Source Plant Code:
A plant code is a 4 or 5 digit number assigned by the Department of Energy (DOE) Energy Information Administration (EIA) to plants that generate electricity. For older plants, "plant code" is synonymous with "ORISPL" and "facility" codes. If the plant generates electricity but no plant code has been assigned, or if there is uncertainty regarding what the plant code is, send an email to the EIA at EIA-860@eia.gov. For plants that do not produce electricity, use the plant identifier assigned by EPA (beginning with "88"). If the plant does not produce electricity and has not been assigned a plant identifier, contact Laurel DeSantis at desantis.laurel@epa.gov.

Specific:

Unit ID No.:
Each affected unit must be assigned an identification number (maximum 10 characters). The identification number listed on Table 2 must be the same as the identification number listed on Table 1 of this form for the same unit.

Note: There may be differences between the Unit ID No. on the OP-SUM and unit names from other sources such as EPA COR, EIA (ORIS), TCEQ SIP lists, etc. However, the Unit ID No. utilized for OP-SUM, Table 2 must be consistent with those given on the OP-SUM, Table 1.

Applicable Form:
Enter the number of the applicable UA form used on the first table of the OP-SUM for the corresponding Unit ID No. If there is no applicable form listed on the first table of the OP-SUM for the corresponding Unit ID, enter OP-UA1.

COR Unit ID No.:
Enter the unit identification number (maximum 10 characters) that is listed on the EPA Certificate of Representation (COR).

Acid Rain:
Enter "YES," for an affected unit subject to the Acid Rain Program (ARP). Otherwise, enter "NO."

ARP Status: Select one of the following options that describe the ARP status for that unit. Enter the code on the form.

Code	Description
EU	An existing affected unit with an existing Acid Rain permit
NEW	A new affected unit that does not have an existing Acid Rain permit (Applicant must also submit Form OP-AR1.)
RENEW	An existing affected unit with an existing Acid Rain permit for which the applicant is applying for a renewal (Applicant must also submit Form OP-AR1.)
NEXM	Applying for a new unit exemption under 40 CFR 72.7 (Applicant must also submit required additional information in a separate cover letter.)
REXM	Applying for a retired unit exemption under 40 CFR 72.8 (Applicant must also submit required additional information in a separate cover letter.)
OPT	A unit that is not an affected unit requiring an Acid Rain permit but applicant is electing to become an affected unit as an "OPT-IN" in the Acid Rain program under 40 CFR Part 74 (Applicant must also submit required additional information in a separate cover letter.)

CSAPR:
Enter "YES," if the unit is subject to the requirements of 40 CFR Part 97, Subpart EEEEE (CSAPR NO_x Ozone Season Group 2 Trading Program). Otherwise, enter "NO."

CSAPR Monitoring:
Select one of the following options that describe the CSAPR NO_x Ozone Season Group 2 monitoring for that unit. Enter the code on the form.

Code	Description
CEMS	A unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X and heat input.
CEMSD	A gas or oil fired unit that is complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO_X, and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
PEAK	A gas or oil fired peaking unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO_X, and with the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.
LME	A gas or oil fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO_X and heat input.
ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO_X and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart EEEEE (CSAPR NO_X Ozone Season Group 2 Trading Program) (Applicant must also submit required additional information in a separate cover letter).

Texas SO_2:
Enter "YES," if the unit is complying with the requirements of 40 CFR Part 97, Subpart FFFFF (Texas SO_2 Trading Program). Otherwise, enter "NO."

Texas SO_2 Monitoring:
Select one of the following options that describe the Texas SO_2 monitoring for that unit. Enter the code on the form.

Code	Description
CEMS	A unit that is 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.
CEMSD	A gas or oil fired unit that is complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO_2 and heat input.

LME	A gas or oil fired unit that is complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO_2 and heat input.
ALTMON	A unit that is complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO_2 and heat input.
REXM	Applying for a retired unit exemption under 40 CFR Part 97, Subpart FFFFF (Texas SO_2 Trading Program) (Applicant must also submit required additional information in a separate cover letter.)

COR:

Enter "YES," to indicate that the applicant has submitted the COR to the EPA for the Acid Rain and CSAPR programs, as applicable, and has included a copy of the required COR to the TCEQ with this submittal. (Providing the required COR copy to TCEQ authorizes the DR (or ADR) to sign Form OP-CRO1, page 2, to certify Acid Rain and CSAPR program application submittals.)

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

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

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.
CE-01	OP-UA2	Compressor Engine		106.512 06/13/2001		GRPENGS2
CE-02	OP-UA2	Backup Compressor Engine		106.512 06/13/2001		
E-01	OP-UA2	Engine #1		106.512 06/13/2001		GRPENGS1
E-02	OP-UA2	Engine #2		6/05/05/1976		GRPENGS1
E-03	OP-UA2	Engine #3		6/05/05/1976		GRPENGS3
E-04	OP-UA2	Engine #4		6/05/05/1976		GRPENGS1
E-05	OP-UA2	Engine #5		106.512 06/13/2001		GRPENGS1
E-06	OP-UA2	Engine #6		106.512 06/13/2001		
GE-01	OP-UA2	Emergency Generator		106.511 09/04/2000		GRPENGS4
PW-01	OP-UA16	Parts Washer		106.454 11/01/2001		
SMPTNK1	OP-UA14	Sump Tank		106.532 09/04/2000		
LOILTNK1	OP-UA3	Lube Oil Tank		58/01/08/1980		
DIESELTNK1	OP-UA3	Diesel Tank		106.473 09/04/2000		
GASTNK1	OP-UA3	Gasoline Tank		106.473 09/04/2000		
UOILTNK1	OP-UA3	Used Oil Tank		106.472 09/04/2000		
H-01	OP-UA5	Heater #1		106.183 09/04/2000		GRPHTRS

H-02	OP-UA5	Heater #2		106.183 09/04/2000		GRPHTRS
H-03	OP-UA5	Heater #3		106.183 09/04/2000		GRPHTRS
H-04	OP-UA5	Heater #3		106.183 09/04/2000		GRPHTRS
H-05	OP-UA5	Heater #5		106.183 09/04/2000		GRPHTRS
H-06	OP-UA5	Heater #6		106.183 09/04/2000		GRPHTRS
H-30	OP-UA5	Office Heater		106.183 09/04/2000		GRPHTRS
PE-01	OP-UA2	Priming Engine		106.512 06/13/2001		GRPENGS2
PE-02	OP_UA2	Priming Engine (Backup)		106.512 06/13/2001		

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM
Table 2: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO_2 Trading Program

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO_2	Texas SO_2 Monitoring	COR

Form OP-UA2 - Instructions
Stationary Reciprocating Internal Combustion Engine Attributes
Texas Commission on Environmental Quality

General:

This form is used to provide a description and data pertaining to all stationary reciprocating internal combustion (SRIC) engines with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to an SRIC engine, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:
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

Table 1a - 1c:	**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**
Table 2a - 2c:	**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.**
Table 3:	**Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Multi-Region Combustion Control, Division 4: East Texas Combustion**
Table 4a - 4b:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**
Table 5a - 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**

The application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Leave the permit number blank for the initial form submittal. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

Please note that for general operating permit (GOP) applications, responses may be required for questions on this form which are not included as a column in the applicable GOP table. These responses may be needed to determine applicability of certain requirements within a single row of the GOP permit table.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ

Executive Director and/or the U.S. Environmental Protection Agency Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry/index.html.

Specific:

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

★ **Complete this table for SRIC engines that meet the following criteria:**

- located at a site that is a major source of NOx, as defined in 30 TAC Chapter 117: and,
- located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas; and
- located at a site that is not an electric power generating system owned or operated by an electric cooperative, municipality, river authority, public utility or a Public Utility Commission of Texas regulated utility; or,
- if located in Parker County, the site does not generate electric power for compensation

Unit ID No.:
Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Horsepower Rating" if located in the Beaumont/Port Arthur or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas.**

Horsepower Rating:
Select one of the following options for the HP rating. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
300-	HP is less than 300 (and unit is not a lean-burn gas-fired opt-in unit)
300+	HP is greater than or equal to 300
150+E2Y	Lean-burn, gas-fired SRIC with HP greater than or equal to 150 that is exempt from RACT requirements under 30 TAC § 117.103(b) but is included under either a Source Cap or an

Alternative Plant-Wide Emission Specification in 30 TAC §§ 117.123(a) or 117.115(a) as an opt-in unit (for SOP applications only)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
50-	HP is less than 50
50+	HP is greater or equal to than 50

▼ **Continue if application area is located in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas; or if in the Beaumont/Port Arthur Ozone Nonattainment Areas and "Horsepower Rating" is "300+" or "150+E2Y"**

★ **Complete "RACT Date Placed in Service" if located in the Beaumont/Port Arthur Ozone Nonattainment Area and "Horsepower Rating" is "300+." If "Horsepower Rating" is "150+E2Y," go to "Fuel Fired" and provide information from that point forward.**

RACT Date Placed in Service:
Select one of the following options for the date placed in service. Enter the code on the form.

Code	Description
92-	On or before November 15, 1992
92-93	After November 15, 1992 and on or before June 9, 1993
93-FCD	After June 9, 1993 and before the final compliance date specified in 30 TAC § 117.9000
FCD+	After June 9, 1993 and on or after the final compliance date specified in 30 TAC § 117.9000

★ **Complete "Functionally Identical Replacement" only if "RACT Date Placed in Service" is "93-FCD."**

Functionally Identical Replacement:
Select one of the following options to identify if the unit is a functionally identical replacement for a unit or group of units that were in service on or before November 15, 1992. Enter the code on the form.

Code	Description
YES	Unit is a functionally identical replacement
NO	Unit is not a functionally identical replacement

▼ **Do not continue if located in the Beaumont/Port Arthur Ozone Nonattainment Area and:**

- **"Date Placed in Service" is "92-93" or "FCD+"; or**
- **"Date Placed in Service" is "93-FCD" and "Functionally Identical Replacement" is "NO."**

Type of Service:
Select one of the following options for the type of service. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.103(a)(6)(D)]
DIESEL	Any stationary diesel engine
850-	Demonstrated to operate less than 850 hours per year, based on a rolling 12-month average (low annual capacity factor) [claiming exemption 30 TAC § 117.103(b)(2)]
ENG	Any other SRIC engine

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC§ 117.303(a)(6)(D)] (exemption is not available for new, modified, reconstructed, or relocated diesel fuel fired SRIC engines placed into service on or after October 1, 2001)
D2001-	Existing diesel fuel-fired engine placed into service before October 1, 2001, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed, or relocated on or after October 1, 2001 [claiming exemption 30 TAC § 117.303(a)(10)]
D2001+	New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after October 1, 2001, operated less than 100 hours/year, on a rolling 12-month average (other than emergency situations) that meets the corresponding emission standard for non-road engines listed in 40 CFR § 89.112(a), Table 1 (October 23, 1998) and in effect at the time of installation [claiming exemption 30 TAC § 117.303(a)(11)]
ENG	Any other SRIC engine

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
EXEMPT	Used in research and testing, performance verification testing, solely to power other engines or turbines during startup, in response to and during the existence of any officially declared disaster or state of emergency or directly and exclusively in agricultural operations
EMERG	Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.403(a)(7)(D)] (exemption is not available for new, modified, reconstructed, or relocated diesel fuel fired SRIC engines placed into service on or after June 1, 2007)
W-EMER	Located in Wise County and used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC § 117.403(b)(2)(D)]
D2007-	Existing diesel fuel-fired engine placed into service before June 1, 2007, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed, or relocated on or after June 1, 2007 [claiming exemption 30 TAC § 117.403(a)(8)]
D2007+	Diesel fuel-fired engine, placed into service on or after June 1, 2007, operated less than 100 hours/year, on a rolling 12-month average (other than emergency situations) that meets the requirements for non-road engines [per 30 TAC § 117.403(a)(9)]
ENG	Any other SRIC engine

▼ **Continue if "Type of Service" is "ENG," "W-EMER," or "EMERG."**

Fuel Fired:
Select one of the following options for the fuel fired by the engine. Enter the code on the form.

For GOP applications:

Code	Description
NG	Natural Gas (Engines authorized to operate under GOPs 511, 512, 513 and 514 must select this option except for black start engines, fire pump engines, emergency engines, and engines operated less than 100 hours per year, as allowed by the rule)
LFG	Landfill Gas
DIG	Digester Gas
ORG	Renewable, Non-fossil fuel gas other than landfill or digester gas

DSL	Petroleum-based diesel fuel
B100	Pure or "neat" biodiesel fuel
BXX	Blends of petroleum-based and biodiesel fuel
DUAL	Dual-fuel where at least one of the fuels is a fossil fuel
DUALN	Dual-fuel where both fuels are renewable non-fossil fuels

For SOP applications:

Code	Description
NG	Natural Gas
LFG	Landfill Gas
ORG	Renewable, Non-fossil fuel gas other than landfill gas
OFG	Fuel gas other than natural gas, landfill gas, and renewable, non-fossil fuel gas (propane, butane, refinery fuel gas, etc.)
DSL	Diesel fuel
B100	Pure or "neat" biodiesel fuel
BXX	Blends of petroleum-based and biodiesel fuel
DUAL	Dual-fuel where at least one of the fuels is a fossil fuel
DUALN	Dual-fuel where both fuels are renewable non-fossil fuels

▼ **Do not continue if in Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area and "Horsepower Rating" is "50-" and "Fuel Fired" is "NG," "LFG," "ORG" or "OFG."**

▼ **Continue only if "Type of Service" is "ENG;" or if "Horsepower Rating" is "150+E2Y."**

Engine Type:
Select one of the following options for the engine type as defined in 30 TAC Chapter 117. Enter the code on the form.

Code	Description
LEANBURN	Lean-burn
RICHBURN	Rich-burn

★ **Complete "ESAD Date Placed in Service" only for the following:**

- **GOP or SOP applications for sites located in the Houston/Galveston/Brazoria Ozone Nonattainment Area and "Fuel Fired" is NOT "NG," "LFG," "ORG" or "OFG;" or**
- **GOP or SOP applications for sites located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area and "Fuel Fired" is NOT "DUAL" or "DUALN."**

ESAD Date Placed in Service:
Select one of the following options for the date the engine was placed into service. Enter the code on the form.

For dual fuel engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area.

Code	Description
2001-	Placed into service on or prior to December 31, 2000.
2001+	Placed into service after December 31, 2000.

For diesel engines located in the Houston/Galveston Ozone Nonattainment Area, please select the code that defines the most recent date that the engine was installed, modified, reconstructed, or relocated.

Code	Description
-01	Placed into service before October 1, 2001 and has not been modified, reconstructed, or relocated on or after October 1, 2001.
01-02	Installed, modified, reconstructed, or relocated on or after October 1, 2001 but before October 1, 2002.
02-03	Installed, modified, reconstructed, or relocated on or after October 1, 2002 but before October 1, 2003.

03-04	Installed, modified, reconstructed, or relocated on or after October 1, 2003 but before October 1, 2004.
04-05	Installed, modified, reconstructed, or relocated on or after October 1, 2004 but before October 1, 2005.
05-06	Installed, modified, reconstructed, or relocated on or after October 1, 2005 but before October 1, 2006.
06-07	Installed, modified, reconstructed, or relocated on or after October 1, 2006 but before October 1, 2007.
07+	Installed, modified, reconstructed, or relocated on or after October 1, 2007.

For gas fired lean-burn engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area.

Code	Description
2007-	Placed into service prior to June 1, 2007, and not modified, reconstructed, or relocated on or after June 1, 2007
2007+	Placed into service, modified, reconstructed, or relocated on or after June 1, 2007
2015-	Placed into service prior to June 1, 2015, and not modified, reconstructed, or relocated on or after June 1, 2015
2015+	Placed into service, modified, reconstructed, or relocated on or after June 1, 2015.

For diesel engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area, please select the code that defines the most recent date that the engine was installed, modified, reconstructed, or relocated.

Code	Description
3109-	Placed into service before March 1, 2009 and has not been modified, reconstructed, or relocated on or after March 1, 2009.
3109+	Installed, modified, reconstructed, or relocated on or after March 1, 2009.

★ Complete "Diesel HP Rating" only for sites located in the Dallas/Fort Worth Eight-Hour or Houston/Galveston/Brazoria Ozone Nonattainment Area and "Fuel Fired" is "DSL," "B100" or "BXX."

Diesel HP Rating:
Select one of the following options for the horsepower rating of the diesel engine. Enter the code on the form.

For diesel SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
11-	Horsepower rating is less than 11 HP.
11-25	Horsepower rating is 11 HP or greater, but less than 25 HP.
25-50	Horsepower rating is 25 HP or greater, but less than 50 HP.
50-100	Horsepower rating is 50 HP or greater, but less than 100 HP.
100-175	Horsepower rating is 100 HP or greater, but less than 175 HP.
175-300	Horsepower rating is 175 HP or greater, but less than 300 HP.
300-600	Horsepower rating is 300 HP or greater, but less than 600 HP.
600-750	Horsepower rating is 600 HP or greater, but less than 750 HP.
750+	Horsepower rating is 750 HP or greater.

For diesel SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
50-	Horsepower rating is less than 50 HP.
50-100	Horsepower rating is 50 HP or greater, but less than 100 HP.
100-750	Horsepower rating is 100 HP or greater, but less than 750 HP.
750+	Horsepower rating is 750 HP or greater.

Table 1b: 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

Unit ID No.:
Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
SOP applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

NOx Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NOx emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For GOP applications:

Code	Description
105	Title 30 TAC §§ 117.105(a)(1), (a)(3), (d), or (e) [relating to Emission Specifications for Reasonably Available Control Technology] (use for SRIC engines in the Beaumont/Port Arthur Ozone Nonattainment Area) 410 A Title 30 TAC § 117.410(a) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for SRIC engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
410A	Title 30 TAC § 117.410(a)(4) [relating to Emission Specifications for Eight-Hour Attainment Demonstration] (use for SRIC engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area)
310D	Title 30 TAC § 117.310(d)(3) [relating to Emission Specifications for Attainment Demonstration] (use for SRIC engines in the Houston/Galveston/Brazoria Ozone Nonattainment Area)
405B	Title 30 TAC § 117.405(b)(2)(A) [relating to Emission Specifications for Reasonably Available Control Technology (RACT) gas-fired rich-burn engines used in Wise County]
WS4C	White Superior four-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(i)
C2C	Clark two-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(ii)
FM2C	Fairbanks Morse MEP two-cycle lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(iii)
WSE	All other lean-burn engines located in Wise County complying with Title 30 TAC § 117.405(b)(2)(B)(iv)

For SOP applications:

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
105	Title 30 TAC §§ 117.105(a)(1), (a)(3), (d) or (e) [relating to Emissions Specifications for Reasonably Available Control Technology]
APES	Engine is complying with an Alternative Plant-Wide Emissions Specification under Title 30 TAC § 117.115(a)
ACSS	Engine is complying with an Alternative Case Specific Specification under Title 30 TAC § 117.125(a)
SC	Engine is complying with a Source Cap under Title 30 TAC § 117.123(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
310D	Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9) [relating to mass emissions cap and trade in Chapter 101, Subchapter H, Division 3, and Emission Specifications for Attainment Demonstration]
ACF	Engine is complying with an annual capacity factor specification under Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(17)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410A	Title 30 TAC § 117.410(a)(4) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
405B	Title 30 TAC § 117.405(b)(2)(A) [relating to Emission Specifications for Reasonably Available Control Technology (RACT) gas fired rich burn engines used in Wise County]
ACF	Engine is complying with an annual capacity factor specification under Title 30 TAC § 117.410(a)(14)
SC	Engine is complying with a Source Cap under Title 30 TAC § 117.423(a)
WS4C	White Superior four-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(i)
C2C	Clark two-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(ii)
FM2C	Fairbanks Morse MEP two-cycle-lean-burn engine is complying with Title 30 TAC § 117.405(b)(2)(B)(iii)
WSE	All other -lean-burn engines located in Wise County complying with Title 30 TAC § 117.405(b)(2)(B)(iv)

★ Complete "23C-Option" only if "NOx Emission Limitation" is "SC."

23C-Option:
Select one of the following § 117.123(c)(1) or 423(c)(1) options for monitoring. Enter the code on the form.

Code	Description
23C-A	CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A).
23C-B	PEMS and a totalizing fuel flow meter per § 117.123(c)(1)(B) or § 117.423(c)(1)(B).
23C-C	Rate measured by hourly emission rate testing per § 117.123(c)(1)(C) or § 117.423(c)(1)(C).

★ Complete "30 TAC Chapter 116 Limit" only if "NOx Emission Limitation" is "105."

30 TAC Chapter 116 Limit:
Select one of the following descriptions for the 30 TAC Chapter 116 permit limit. Enter the code on the form.

For units having a 30 TAC Chapter 116 permit in effect on June 9, 1993:

Code	Description
93Y	NOx emission limit in 30 TAC § 117.105 is greater than the NOx emission limit in a 30 TAC Chapter 116 permit
93N	NOx emission limit in 30 TAC § 117.105 is not greater than the NOx emission limit in a 30 TAC Chapter 116 permit

For units placed into service after June 9, 1993 and prior to the final compliance date specified in 30 TAC §§ 117.9000 or 117.9020(1) as a functionally identical replacement for an existing unit, or group of units, and limited to the cumulative maximum rated capacity of the units replaced:

Code	Description
95Y	Emission limit in 30 TAC §§ 117.105 or is greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993
95N	Emission limit in 30 TAC §§ 117.105 or is not greater than the NOx emission limit in any 30 TAC Chapter 116 permit issued after June 9, 1993

★ **Complete "EGF System Cap Unit" only if located in the Houston/Galveston/Brazoria Ozone Nonattainment Area.**

EGF System Cap Unit:
Enter "YES" if the engine is used as an electric generating facility to generate electricity for sale to the electric grid. Otherwise, enter "NO."

Units with electric output entirely dedicated to industrial customers or that generate electricity primarily for internal use are not considered as electric generating facilities generating electricity for sale to the electric grid and are not subject to the system cap requirements of 30 TAC § 117.320. "Entirely dedicated" may include up to two weeks per year of service to the electric grid when the industrial customer's load sources are not operating. Units generating electricity primarily for internal use are those that have previously or will transfer generated electricity to a utility power distribution system at a rate less than 3.85% of actual electrical generation.

NOx Averaging Method:
Select one of the following options for the method used to comply with the applicable emission limitation. Enter the code on the form.

Code	Description
30D	Complying with the applicable emission limit using a 30-day rolling average
1HR	Complying with the applicable emission limits using a block one-hour average

NOx Reduction:
Select one of the following NOx reduction options. Enter the code on the form.

Code	Description
WATER	Water or steam injection
NSCR	Nonselective catalytic reduction
POST1	Post combustion control technique with urea or ammonia injection
POST2	Post combustion control technique with chemical reagent other than urea or ammonia
OTHER	Other post combustion control method
NONE	No NOx reduction

NOx Monitoring System:
Select the appropriate code to indicate the type of monitoring system used.

For units without a monitoring system:

Code	Description
MERT	Maximum emission rate testing in accordance with 30 TAC § 117.8000

For all other units:

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
75ARC	CEMS used to comply with 40 CFR Part 75 (pertaining to acid rain) (for SOP applications only)
75ARP	PEMS used to comply with 40 CFR Part 75 (pertaining to acid rain) (for SOP applications only)

▼ **Continue only if application type is SOP.**

Table 1c: 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

Unit ID No.:
Enter the identification number (ID No.) for the SRIC engines (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
SOP applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP and numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Fuel Flow Monitoring:
Select one of the following options to indicate how fuel flow is monitored. Enter the code on the form.

Code	Description
X40A	Fuel flow is with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a)
X40A2-A	Unit operates with a NOx and diluents CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A)
X40A2-B	Unit vents to a common stack with a NOx and diluents CEMS and uses a single totalizing fuel flow meter per 30 TAC §§ 117.140(a)(2)(B), 117.340(a)(2)(B) or 117.440(a)(2)(B).
X40A2-C	The unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.340(a)(2)(C) or 117.440(a)(2)(C) [Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour Ozone Nonattainment Areas only]
X40A2-D	The unit is equipped with a continuous monitoring system that continuously monitors horsepower and hours of operation per 30 TAC §§ 117.140(a)(2)(D), 117.340(a)(2)(D) or 117.440(a)(2)(D).

★ **Complete "CO Emission Limitation" only for SOP applications.**

CO Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable CO emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
105	Title 30 TAC § 117.105(d) or (e) [relating to Emissions Specifications for Reasonably Available Control Technology]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.125(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
310C	Title 30 TAC § 117.310(c)(1) 400 ppmv option
310CG	Title 30 TAC § 117.310(c)(1) 3 g/HP-hr option
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.325(a)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410C	Title 30 TAC § 117.410(c)(1) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
405D	Title 30 TAC § 117.405(d)(1) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.425(a)

CO Averaging Method:
Select one of the following options for the method used to comply with the applicable emission limitation. Enter the code on the form.

Code	Description
30D	Complying with the applicable emission limit using a 30-day rolling average
1HR	Complying with the applicable emission limits using a block one-hour average

CO Monitoring System:
Select one of the following options to indicate how the unit is monitored for CO exhaust emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system complying
PEMS	Predictive emissions monitoring system complying
OTHER	Other than CEMS or PEMS

★ **Complete "NH_3 Emission Limitation" only for SOP applications and only if "NOx Reduction" is "POST1."**

NH_3 Emission Limitation:
Title 30 TAC Chapter 117 provides several methods to be in compliance with the applicable NH_3 emission specifications of 30 TAC Chapter 117. Select one of the following options. Enter the code on the form.

For SRIC engines located in the Beaumont/Port Arthur Ozone Nonattainment Areas:

Code	Description
105	Title 30 TAC §§ 117.105(g) [relating to Emissions Specifications for Reasonably Available Control Technology]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.125(a)

For SRIC engines located in the Houston/Galveston/Brazoria Ozone Nonattainment Area:

Code	Description
310C	Title 30 TAC § 117.310(c)(2) [relating to Emission Specifications for Attainment Demonstration]
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.325(a)

For SRIC engines located in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area:

Code	Description
410C	Title 30 TAC § 117.410(c)(2) [relating to Emission Specifications for Attainment Demonstration] (use for engines in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area
405D	Title 30 TAC § 117.405(d)(2) [relating to Emission Specifications for Attainment Demonstration] (use for engines in Wise County in the Dallas/Fort Worth Eight-Hour Ozone Nonattainment Area
ACSS	Engine is complying with an Alternative Case Specific Specification under 30 TAC § 117.425(a)

Note: If using some other alternative, such as an alternate reasonably available control technology, alternate means of control, or emission reduction credit, the type of alternate used will need to be explained in a cover letter or some other attachment to the permit application.

NH_3 Monitoring:
Select one of the following options to indicate how the unit is monitored for NH_3 emissions. Enter the code on the form.

Code	Description
CEMS	Continuous emissions monitoring system
PEMS	Predictive emissions monitoring system
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

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

★ **Complete this table for all stationary Reciprocating Internal Combustion Engines (RICE) in GOP and SOP applications that are not being tested at a stationary RICE test cell:**

Unit ID No.:
Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

HAP Source:
Select one of the following options to describe the HAP source classification

Code	Description
MAJOR	The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2
AREA	The site is an area source of hazardous air pollutants as defined in 40 CFR § 63.2

Brake HP:
Select one of the following options to indicate the brake horsepower (HP). Enter the code on the form.

Code	Description
100-	Stationary RICE with a brake HP less than 100 HP
100-250	Stationary RICE with a brake HP greater than or equal to 100 and less than 250 HP
250-300	Stationary RICE with a brake HP greater than or equal to 250 HP and less than 300 HP
300-500	Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP
500+	Stationary RICE with a brake HP greater than 500 HP
5000+	Stationary RICE with a brake HP of 5,000 HP or greater (use only for 4 stroke spark ignited richburn RICE)

Construction/Reconstruction Date:
Select one of the following options that describe the date of commencement of the most recent construction or reconstruction. Enter the code on the form.

Code	Description
02-	Commenced construction or reconstruction before December 19, 2002
02-06	Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006

06+	Commenced construction or reconstruction on or after June 12, 2006

★ **Complete "Nonindustrial Emergency Engine" only if "HAP Source" is "AREA" and "Construction/Reconstruction Date" is "02-" or "02-06."**

Nonindustrial Emergency Engine:
Enter "YES" if the Stationary RICE is defined in 40 CFR §63.6675 as a residential emergency RICE, a commercial emergency RICE, or an institutional emergency RICE. Otherwise, enter "NO."

▼ **Do not continue if "HAP Source" is "AREA" and:**
- **"Construction/Reconstruction Date" is "06+;" or**
- **"Nonindustrial Emergency Engine" is "YES."**

Service Type:
Select one of the following options that describe the type of service the stationary RICE is used for. Enter the code on the form. Note: The provisions of 40 CFR §63.6640(f)(2)(ii) and (f)(2)(iii) for emergency engines have been vacated by the U.S. Court of Appeals for the District of Columbia Circuit.

Code	Description
FUEL	Combusts landfill or digester gas equivalent to 10 % or more of the gross heat input on an annual basis
LIM	Limited use
EMER-A	Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii)
EMER-B	Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii) (Use only for RICE located at an area source)
BLSTRT	Black Start Use (use only for existing RICE, less than 500 HP, located at a major source; or existing RICE located at an area source)
NORMAL	Normal Use

▼ **Do not continue if "HAP Source" is "MAJOR" and:**
- **"Brake HP" is "500+" and "Service Type" is "LIM" or "EMER-A;" or**
- **"Brake HP" is "500+" and "Construction/Reconstruction Date" is "02-," and "Service Type" is "FUEL;" or**
- **"Construction/Reconstruction Date" is "06+" and "Brake HP" is "100-," "100-250," "250-300," or "300-500" and "Service Type" is "FUEL," "LIM," or "EMER-A," or "EMER-B".**

Stationary Rice Type:
Select one of the following options that describe the type of stationary RICE that you own or operate. Enter the code on the form.

Code	Description
2SLB	2 stroke spark ignited lean burn engine
4SLB	4 stroke spark ignited lean burn engine
4SLBR	remote 4 stroke spark ignited lean burn engine (use only for existing non-emergency, non-black start 4SLB with a site rating greater than 500 HP, located at an area source, that is a remote stationary RICE as defined in 40 CFR § 63.6675)
4SRB	4 stroke spark ignited rich burn engine
4SRBR	remote 4 stroke spark ignited rich burn engine (use only for existing non-emergency, non-black start 4SRB with a site rating greater than 500 HP, located at an area source, that is a remote stationary RICE as defined in 40 CFR § 63.6675)
CI	Compression ignition engine (use only for CI engines not meeting § 63.6603(d) or § 63.6603(e))
TIER1/2	Existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source that is certified to the Tier 1 or Tier 2 emission standards electing to comply with the management practices as specified in 40 CFR § 63.6603(d)

TIER3 Existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source that is certified to the Tier 3 (Tier 2 for engines above 560 kilowatt (kW)) emission standards electing to comply with 40 CFR Part 60, Subpart IIII

▼ **Do not continue if "HAP Source" is "MAJOR" and "Construction/Reconstruction Date" is "06+" and "Service Type" is "NORMAL," and:**

- **"Brake HP" is "100-," "100-250," "250-300," or "300-500" and "Stationary RICE Type" is "2SLB," "4SRB," or "CI;" or**
- **"Brake HP" is "100-" or "100-250" and "Stationary RICE Type" is "4SLB."**

▼ **Do not continue if "HAP Source" is "MAJOR" and "Construction/Reconstruction Date" is "02-" and "Brake HP" is "500+" and "Stationary RICE Type" is "2SLB" or "4SLB."**

▼ **Do not continue if "HAP Source" is "MAJOR" and "Construction/Reconstruction Date" is "02-" or "02-06" and:**

- **"Service Type" is "BLSTRT," "EMER-A," or "EMER-B" and "Brake HP" is "100-," "100-250," "250-300," or "300-500;" or**
- **"Brake HP" is "100-" and "Service Type" is "LIM," "NORMAL," or "FUEL."**

▼ **Do not continue if "HAP Source" is "AREA" and:**

- **"Service Type" is "BLSTRT;" or**
- **"Service Type" is "LIM" or "NORMAL," and "Stationary RICE Type" is "CI," and "Brake HP" is "100-," "100-250," or "250-300;" or**
- **"Service Type" is "LIM" or "NORMAL," and "Stationary RICE Type" is "2SLB;" or**
- **"Service Type" is "LIM" or "NORMAL," and "Stationary RICE Type" is "4SRB" or "4SLB" and "Brake HP" is "100-," "100-250," "250-300," or "300-500;" or**
- **"Brake HP" is "500+," and "Service Type" is "LIM" or "NORMAL," and "Stationary RICE Type" is "4SLBR" or "4SRBR.;" or**
- **"Service Type" is "EMER-A," and "Stationary RICE Type" is "CI," and "Brake HP" is "100-," "100-250," "250-300," "300-500," or "500+;" or**
- **"Service Type" is "EMER-A" or "EMER-B," and "Stationary RICE Type" is "2SLB" or "4SLB" or "4SRB," and "Brake HP" is "100-," "100-250," "250-300," "300-500," or "500+;" or**
- **"Service Type" is "FUEL."**

▼ **Do not continue if "HAP Source" is "MAJOR" and Construction/Reconstruction Date" is "02-," 02-06," or "06+," and "Brake HP" is "500+," and "Stationary RICE Type" is "2SLB," "4SRB," or "4SLB," and "Service Type" is "EMER-B."**

★ "**HAP Source is "MAJOR" and Construction/Reconstruction Date" is "02-," 02-06," or "06+," and "Brake HP" is "500+," and "Stationary RICE Type" is "CI," and "Service Type" is "EMER-B," complete "Displacement" on Table 2b only. No further information is required.**

★ **HAP Source" is "AREA" and Construction/Reconstruction Date" is "02-" or "02-06," and "Brake HP" is "100-250" or "100-250" or "250-300" or "300-500" or "500+," and "Stationary RICE Type" is "CI," and "Service Type" is "EMER-B," complete "Displacement" on Table 2b only. No further information is required**.

Table 2b: 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

Unit ID No.:
Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Manufacture Date" only if "Stationary RICE Type" is "4SLB" and "Brake HP" is "250-300" or "300-500" and "Construction/Reconstruction Date" is "06+."**

Manufacture Date:
Enter "YES" if the stationary RICE was manufactured on or after January1, 2008. Otherwise, enter "NO."

▼ **Do not continue if "Manufacture Date" is "NO."**

★ **Complete "Operating Hours" only if "HAP Source" is "AREA" and "Stationary RICE Type" is "4SLB" or "4SRB," and "Brake HP" is "500+."**

Operating Hours:
Enter "YES" if the stationary RICE is operated less than 24 hours per calendar year. Otherwise, enter "NO."

▼ **Do not continue if "Operating Hours" is "YES."**

Different Schedule:
Enter "YES" if the Administrator has approved a different schedule for the submission of reports under 40 CFR § 63.10(a). Otherwise, enter "NO."

▼ **Do not continue if "HAP Source" is "MAJOR" and "Service Type" is "FUEL."**

Emission Limitation:
Select one of the following options for compliance with the emission limitations. Enter the code on the form.

Code	Description
76+	Reducing formaldehyde emission by 76% or greater (use for richburn, spark ignited engines)
76+THC	Complying with reducing formaldehyde emissions by 76% or greater by testing for THC instead of formaldehyde. Average reduction of THC emissions is 30% or greater. (use for non-emergency 4SRB RICE)
REDCO	Reducing carbon monoxide emissions from the stationary RICE
LIMCO	Limiting the concentration of carbon monoxide in the stationary RICE exhaust
CONC	Limiting formaldehyde concentration from the stationary RICE exhaust
REDTHC	Reducing THC emissions from the stationary RICE

▼ **Continue only for SOP applications.**

★ **Complete "Displacement" and "Crankcase" only if "Service Type" is "NORMAL" or "LIM," "Stationary RICE Type" is "CI," "Brake HP" is "300-500" or "500+" and "Construction/Reconstruction Date" is "02-" or "02-06."**

★ **Complete "Displacement" only if "Service Type" is "EMER-B," "Stationary RICE Type is "CI," "Brake HP" is "100-250," "250-300," "300-500" or "500+" and "Construction/Reconstruction Date" is "02-," "02-06" or "06+."**

Displacement:
Enter "YES" if the stationary CI RICE has a displacement of less than 30 liters per cylinder and uses diesel fuel. Otherwise, enter "NO."

Table 2c: 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

Unit ID No.:
Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Crankcase:
Enter "YES" if the stationary CI RICE is equipped with a closed crankcase ventilation system. Otherwise, enter "NO."

Performance Test:
Enter "YES" if a performance test has been previously conducted that meets the conditions in 40 CFR § 63.6610(d)(1)-(5) or § 63.6612(b)(1)-(4). Otherwise, enter "NO."

Control Technique:
Select one of the following options to indicate the type of control device used. Enter the code on the form.

For 4 strokes spark ignited rich burn engines (4 SRB):

Code	Description
NSCR	Non-selective catalytic reduction
OTHER1	Control technique other than non-selective catalytic reduction

For 2 strokes spark ignited lean burn engines (2 SLB), 4 strokes spark ignited lean burn engines (4 SLB), and compression ignition engines (CI):

Code	Description
OXCAT	Oxidation catalyst
OTHER2	Control technique other than an oxidation catalyst

★ **Complete "Operating Limits" only if "Control Technique" is "OTHER1" or "OTHER2."**

Operating Limits:
Enter "YES" if the Administrator has been petitioned to establish operating limitations during the initial performance test. Otherwise, enter "NO."

Monitoring System:
Select one of the following options to indicate the type of monitoring used. Enter the code on the form.

Code	Description
CEMS	Continuous emission monitoring system
CPMS	Continuous parameter monitoring system
OTHER	The owner or operator has chosen to use a monitoring system that is not a CEMS or CPMS.
SHUT1	The owner or operator has installed a system to shutdown the engine when the catalyst inlet temperature exceeds 1350°F (use only for existing non-emergency, non-remote 4SLB engines greater than 500 brake HP located at an area source)
SHUT2	The owner or operator has installed a system to shutdown the engine when the catalyst inlet temperature exceeds 1250°F (use only for existing non-emergency, non-remote 4SRB engines greater than 500 brake HP located at an area source)

Table 3: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117), Subchapter E: Multi-Region Combustion Control, Division 4: East Texas Combustion

★ **Complete Table 3 only for stationary, gas-fired reciprocating internal combustion engines.**

★ **Complete Table 3 only for facilities located in Anderson, Brazos, Burleson, Camp, Cass, Cherokee, Franklin, Freestone, Gregg, Grimes, Harrison, Henderson, Hill, Hopkins, Hunt, Lee, Leon, Limestone, Madison, Marion, Morris, Nacogdoches, Navarro, Panola, Rains, Robertson, Rusk, Shelby, Smith, Titus, Upshur, Van Zandt, and Wood Counties.**

Unit ID No.:
Enter the identification number (ID No.) for the stationary reciprocating internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Unit Type:
Select one of the following options that describes the unit type. Enter the code on the form.

Code	Description
240-	The engine has a maximum rated horsepower capacity less than 240 HP.
RESEARCH	The engine is use for research and testing.
PERFV	The engine is used for purposes of performance verification and testing.
START	The engine is used solely to power other engines or gas turbines during startup.
EMERG	The engine is operated exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 100 hours per year, based on a rolling 12-month average
DISASTER	The engine is used in response to and during the existence of any officially declared disaster or state of emergency.
AG	The engine is used directly and exclusively by the owner or operator for agricultural operations necessary for the growing of crops or raising of fowl or animals.
DIESEL	The engine is a diesel engine.
DUAL	The engine is a dual-fuel engine.
LEANBN	The engine is a gas-fired lean burn engine
NONE	The unit does not qualify for any exemptions under the rule.

▼ **Continue only if "Unit Type" is "NONE."**

Horsepower Rating:
Select one of the following options to indicate the horsepower (HP). Enter the code on the form.

Code	Description
500-	Stationary gas-fired rich-burn RICE with a HP less than 500 HP.
500+	Stationary gas-fired rich-burn RICE with a HP equal to or greater than 500 HP.

★ **Complete "Landfill" only if "Horsepower Rating" is "500+."**

Landfill:
Enter "YES" if the gas-fired rich-burn engine is fired on landfill gas. Otherwise, enter "NO."

Control Operations:
Select one of the following options to indicate NOx operational control requirements. Enter the code on the form.

Code	Description
POST1	Post combustion control technique with urea or ammonia injection
POST2	Post combustion control technique with chemical reagent other than urea or ammonia
NSCR	The engine is controlled with nonselective catalytic reduction.
NONE	The engine is not using any of the above control operations.

NOx and O_2 Monitoring:
Select one of the following options to indicate NOx and O_2 monitoring used. Enter the code on the form.

Code	Description
CEMSNOX	The engine is using a CEMS to monitor NOx emissions
PEMSNOX	The engine is using a PEMS to monitor NOx emissions.
CEMSBOTH	The engine is using a CEMS to monitor both NOx and O_2 emissions.
NONE	The engine is not using any of the above methods (unit is complying with § 117.3330(b)(3) monitoring).

Ammonia Use:
Enter "YES" if urea or ammonia injection is used to control NOx emissions. Otherwise, enter "NO."

▼ **Continue only if "Ammonia Use" is "YES**."

NH_3 Emission Limitation:
Title 30 TAC Chapter 117 provides two methods to be in compliance with the applicable NH_3 limitation standards listed in 30 TAC Chapter 117, Subchapter E. Select one of the following options. Enter the code on the form.

Code	Description
3310	Title 30 TAC § 117.3310(e) [relating to Emission Specifications for Eight-Hour Attainment Demonstration]
ACSS	Unit is complying with an Alternative Case Specific Specification under 30 TAC § 117.3325

Ammonia Monitoring:
Select one of the following options that describes the ammonia monitoring used. Enter the code on the form.

Code	Description
CEMS	A continuous emissions monitoring system is used to monitor ammonia emissions.
PEMS	A parametric emissions monitoring system is used to monitor ammonia emissions.
MBAL	Mass balance
OXY	Oxidation of ammonia to nitric oxide (NO)
STUBE	Stain tube

Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

Unit ID No.:
Enter the identification number (ID No.) for the stationary spark ignited internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Reconstruction/Modification Date:
Enter "YES" if you own or operate a stationary spark ignition (SI) internal combustion engine (ICE) that commenced construction, reconstruction, or modification after June 12, 2006.

▼ **Do not continue if "Construction/Reconstruction/Modification Date" is "NO."**

Test Cell:
Enter "YES" if the SI ICE is being tested at an engine test cell/stand. Otherwise, enter "NO."

▼ **Do not continue if "Test Cell" is "YES."**

Exemption:
Select one of the following codes if the SI ICE is exempt from the requirements of NSPS JJJJ as described in 40 CFR Part 1068, Subpart C or 40 CFR Parts 90 and 1048. *Owners and operator, as well as manufactures may be eligible to request an exemption for national security.*

Code	Description
EXEMPT	The SI ICE is exempt as described in 40 CFR Part 1068 Subpart C or 40 CFR Parts 90 and 1048, OR due to national security
NONE	The SI ICE is not exempt

▼ **Do not continue if "Exemption" is "EXEMPT."**

Temporary Replacement:
Enter "YES" if the SI ICE is acting as a temporary replacement and is located at a stationary source for less than 1 year and has been properly certified to the standards that would be applicable to such engines under the appropriate non-road engine provisions. Otherwise, enter "NO."

▼ **Do not continue if "Temporary Replacement" is "YES."**

Horsepower:
Select one of the following options to indicate the maximum engine power in horsepower (HP). Enter the code on the form.

For SI ICE that are emergency use only

Code	Description
25-E	Maximum engine power less than or equal to 25 HP
25-100E	Maximum engine power greater than 25 HP and less than or equal to 100 HP
100-130E	Maximum engine power greater than 100 HP and less than 130 HP
130-500E	Maximum engine power greater than or equal to 130 HP and less than 500 HP
500+E	Maximum engine power greater than or equal to 500 HP

For SI ICE that are non-emergency use only

Code	Description
25-	Maximum engine power less than or equal to 25 HP
25-100	Maximum engine power greater than 25 HP and less than 100 HP
100-500	Maximum engine power greater than or equal to 100 HP and less than 500 HP
500-1350	Maximum engine power greater than or equal to 500 HP and less than 1350 HP
1350+	Maximum engine power greater than or equal to 1350 HP

Fuel:
Select one of the following options to indicate what fuel the SI ICE is using. Enter the code on the form.

Code	Description
GASO	SI ICE that uses gasoline
NATGAS	SI ICE that uses natural gas
RBLPG	SI ICE that is a rich-burn engine that uses liquefied petroleum gas (LPG)
LBLPG	SI ICE that is a lean-burn engine that uses liquefied petroleum gas (LPG)
LAND	SI ICE that is a landfill/digester gas engine
WELL	SI ICE that is a wellhead gas engine that cannot meet natural gas emission limits (use only for SOP applications and only if you are petitioning the EPA per § 60.4233(g); otherwise use "NATGAS")

★ **Complete "AEL No." only if "FUEL" is "WELL."**

AEL No.:
Enter the date of the Alternative Emission Limit approval letter from the EPA.

▼ **Do not continue if "Fuel" is "WELL."**

★ **Complete "Lean Burn" only if BOTH of the following conditions are met:**
- **"Fuel" is "NATGAS" or "LAND" or "LBLPG;" and**
- **"Horsepower" is "500-1350."**

Lean Burn:
Enter "YES" if the SI ICE is a lean-burn engine. Otherwise, enter "NO."

Commencing:
Select one of the following options to indicate the type of construction the SI ICE is commencing. Enter the code on the form.

Code	Description
CON	SI ICE was newly constructed after 06/12/2006
MOD	SI ICE was modified after 06/12/2006 (per §60.14)
RECON	SI ICE was reconstructed after 06/12/2006 (per §60.15)

Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines

Unit ID No.:
Enter the identification number (ID No.) for the stationary spark ignited internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Manufacture Date:
Select one of the following options to indicate the date of manufacture of the SI ICE. Enter the code on the form. Please read each date and be careful in choosing the correct date code as each code is very specific to a certain type of SI ICE.

For SI ICE that is commencing ***New Construction Only***

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency)

Code	Description
N25-0708-	Date of manufacture is prior to July 1, 2008 (use for any cc)
N25-1211-	Date of manufacture is on or after July 1, 2008 to December 31, 2011 (use only for SI ICE that is less than 225cc)
N25-0112+	Date of manufacture is on or after January 1, 2012 (use only for SI ICE that is less than225cc)
N25-1210-	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 225cc)
N25-0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 225cc)

For SI ICE that is greater than 25 HP (non-emergency only)

Code	Description
N0708-	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 500 HP)
N0708+	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 100 HP)
N08-10	Date of manufacture is on or after July 1, 2008 to December 31, 2010 (use only for SI ICE that is greater than or equal to 100 HP and less than 500 HP)
N0111+	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 100 HP and less than 500 HP)
N0707-	Date of manufacture is prior to July 1, 2007 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
N0108-	Date of manufacture is prior to January 1, 2008 (use only if "Lean Burn" is "YES")
N07-0610-	Date of manufacture is on or after July 1, 2007 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP; as stated in Table 1of 40 CFR 60 Subpart JJJJ)
N08-0610-	Date of manufacture is on or after January 1, 2008 to June 30, 2010 (use only if "Lean Burn" is "YES")
N0710+	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP as stated in Table 1 of 40 CFR 60 Subpart JJJJ)
N08-	Date of manufacture is on or after July 1, 2007 to July 1, 2008 (use only if "Fuel" is "GASO" or "RBLPG" and SI ICE is greater than or equal to 500 HP) [as stated in § 60.4243(h)]
N08+	Date of manufacture is on or after July 1, 2008 (use only if "Fuel" is "GASO" or "RBLPG" and SI ICE is greater than or equal to 500 HP) [as stated in § 60.4243(h)]

For SI ICE that is greater than 25 HP (emergency only)

Code	Description
N0109-E	Date of manufacture is prior to January 1, 2009
N0109+E	Date of manufacture is on or after January 1, 2009 (use only for SI ICE that is greater than 25 HP and less than 130 HP)

N09-10E	Date of manufacture is on or after January 1, 2009 to December 31, 2010 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
N0111+E	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
N09-610-E	Date of manufacture is on or after January 1, 2009 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500 HP)
N0710+E	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP)

For SI ICE that is commencing ***Modification or Reconstruction Only***

For SI ICE that is less than or equal to 25 HP (emergency or non-emergency)

Code	**Description**
R25-0112-	Date of manufacture of SI ICE is prior to January 1, 2012(use only for SI ICE that is less than 225cc)
R25-0112+	Date of manufacture of SI ICE is on or after January 1, 2012(use only for SI ICE that is less than 225cc)
R25-0111-	Date of manufacture of SI ICE is prior to January 1, 2011(use only for SI ICE that is greater than or equal to 225cc)
R25-0111+	Date of manufacture of SI ICE is on or after January 1, 2011(use only for SI ICE that is greater than or equal to 225cc)

For SI ICE that is greater than 25 HP (non-emergency only)

Code	**Description**
R0708-	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 500 HP)
R0708+	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 500 HP)
R0707-	Date of manufacture is prior to July 1, 2007(use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
R0707+	Date of manufacture is on or after July 1, 2007 (use only for SI ICE that is greater than or equal to 500 HP; except lean-burn SI ICE greater than or equal to 500 HP and less than 1350 HP)
R0108-	Date of manufacture is prior to January 1, 2008 (use only if "Lean Burn" is "YES")
R0108+	Date of manufacture is on or after January 1, 2008 (use only if "Lean Burn" is "YES")

For SI ICE that is greater than 25 HP (emergency only)

Code	**Description**
R0708-E	Date of manufacture is prior to July 1, 2008 (use only for SI ICE that is less than 130 HP)
R0708+E	Date of manufacture is on or after July 1, 2008 (use only for SI ICE that is less than 130 HP)
R0109-E	Date of manufacture is prior to January 1, 2009(use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R09-10E	Date of manufacture is on or after January 1, 2009 to December 31, 2010 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R0111+E	Date of manufacture is on or after January 1, 2011 (use only for SI ICE that is greater than or equal to 130 HP and less than 500 HP)
R09-610-E	Date of manufacture is on or after January 1, 2009 to June 30, 2010 (use only for SI ICE that is greater than or equal to 500HP)
R0710+E	Date of manufacture is on or after July 1, 2010 (use only for SI ICE that is greater than or equal to 500HP)

▼ **Do not continue if "Manufacture Date" is "N25-0708-," "N0708-," "N0707-," "N0109-E," or "N0108-."**

★ **Complete "Displacement" only if "Horsepower" is "25-" or "25-E."**

Displacement:
Select one of the following options to indicate the engine displacement in cubic centimeters (cc). Enter the code on the form.

Code	Description
66-	Engine displacement is less than 66cc
66-100	Engine displacement is greater than or equal to 66cc and less than 100cc
100-225	Engine displacement is greater than or equal to 100cc and less than 225cc
225+	Engine displacement is greater than or equal to 225cc

★ **Complete "Certified" only if "Commencing" is "CON."**

Certified:
Enter "YES" if you purchased a certified SI ICE. Otherwise, enter "NO."

★ **Complete "Operation" only if "Certified" is "YES."**

Operation:
Enter "YES" if you are operating and maintaining the certified SI ICE and control device according to manufacturer's written instructions. Otherwise, enter "NO."

★ **Complete "Certified Modification" only if "Commencing" is "MOD" or "RECON."**

Certified Modification:
Enter "YES" if you purchased, or otherwise own/operate, a modified/reconstructed SI ICE that is certified. Otherwise, enter "NO."

Service:
Select one of the following options to indicate what type of service the SI ICE is performing. Enter the code on the form.

Code	Description
EMERG	SI ICE is an emergency engine
NON	SI ICE is a non-emergency engine

★ **Complete "Severe Duty" only if either of the following conditions are met:**

- **"Fuel" is "GASO" or "RBLPG," and "Service" is "NON," and "Horsepower" is greater than 25 HP; or**
- **"Fuel" is not "GASO" or "RBLPG" and "Service" is "NON," and "Horsepower" is "25-100."**

Severe Duty:
Enter "YES" if the SI ICE is a severe-duty engine. Otherwise, enter "NO."

★ **Complete "Optional Compliance" only if "Horsepower" is "500-1350" or "1350+" and "Fuel" is "GASO" or "RBLPG" and "Manufacture Date" is "N08-".**

Optional Compliance:
Select one of the following options to indicate the optional compliance requirements you are choosing to perform.

Code	Description
PURCH	Choosing to purchase an engine certified according to 40 CFR Part 1048 and install and configure the engine according to manufacturer's specifications.
RECORD	Choosing to keep records as indicated in § 60.4243(h)(1), (h)(2), or (h)(3)

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

Unit ID No.:
Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60IIII-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Applicability Date:
Select one of the following options to indicate the construction, reconstruction, or modification date of the stationary compression ignition (CI) internal combustion engine (ICE). Enter the code on the form.

Code	Description
2005+	Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005
2005-	Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005

▼ **Do not continue if "Applicability Date" is "2005-."**

Exemptions:
Select one of the following options to indicate which exemption could apply to the CI ICE. Enter the code on the form.

Code	Description
TEST	The CI ICE is being tested at an engine test cell/stand
NATSEC	The CI ICE is exempt due to national security
TEMP	The CI ICE is acting as a temporary replacement and is located at a stationary source for less than 1 year and has been properly certified to the standards that would be applicable to such engines under the appropriate non-road engine provisions
NONE	The CI ICE is not eligible for any of these exemptions

▼ **Continue only if "Exemptions" is "NONE."**

Service:
Select one of the following options to indicate what type of service the CI ICE is performing. Enter the code on the form.

Code	Description
NON	CI ICE is a non-emergency engine
EMERG	CI ICE is an emergency engine
FIRE	CI ICE is a fire-pump engine (an emergency engine certified to National Fire Protection Association requirements)

Commencing:
Select one of the following options to indicate what type of construction occurred after 07/11/2005. Enter the code on the form.

Code	Description
CON	CI ICE was newly constructed after 07/11/2005
MOD	CI ICE was modified after 07/11/2005 (per §60.14)
RECON	CI ICE was reconstructed after 07/11/2005 (per §60.15)

★ **Complete "Manufacture Date" only if "Commencing" is "CON."**

Manufacture Date:
Select one of the following options to indicate when the CI ICE was manufactured. Enter the code on the form.

For CI ICE for which "Service" is "NON" or "EMERG"

Code	Description
0406-	Date of manufacture was on or prior to 04/01/2006.
0406+	Date of manufacture was after 04/01/2006.

For CI ICE for which "Service" is "FIRE"

Code	Description
0706-	Date of manufacture was on or prior to 07/01/2006.
0706+	Date of manufacture was after 07/01/2006.

▼ **Do not continue if "Manufacture Date" is "0406-" or "0706-."**

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

Unit ID No.:
Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60IIII-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Diesel:
Select one of the following codes to indicate fuel being used. Enter the code on the form.

Code	Description
DIESEL	Diesel fuel is used
AES	Alternative Emission Standard has been approved by the EPA Administrator

★ **Complete "AES No." only if "Diesel" is "AES."**

AES No.:
If an AES has been approved by the EPA administrator, enter the corresponding AES unique identifier for each unit (maximum 10 characters). If the unique identifier is unavailable, then enter the date of the AES approval letter in the table column. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate regulated entity number. Otherwise, leave this column blank.

▼ **Do not continue if "Diesel" is "AES."**

Displacement:
Select one of the following options to indicate the displacement of the CI ICE (expressed in liters per cylinder). Enter the code on the form.

Code	Description
10-CS	Displacement is less than 10 liters per cylinder and is a constant-speed engine. (*Use only if "Service" is "NON" or "EMERG."*)
10-	Displacement is less than 10 liters per cylinder.
10-15	Displacement is greater than or equal to 10 and less than 15 liters per cylinder.
15-20	Displacement is greater than or equal to 15 and less than 20 liters per cylinder.
20-25	Displacement is greater than or equal to 20 and less than 25 liters per cylinder.
25-30	Displacement is greater than or equal to 25 and less than 30 liters per cylinder.
30+	Displacement is greater than or equal to 30 liters per cylinder.

★ **Complete "Generator Set" only if "Service" is "NON" and "Displacement" is "10-."**

Generator Set:
Enter "YES" if the CI ICE is a generator set engine. Otherwise, enter "NO."

★ **Do not complete "Model Year" if "Displacement" is "30+."**

Model Year:
Select one of the following options to indicate what model year the CI ICE was manufactured in. Enter the code on the form.

Code	Description
2007-	CI ICE was manufactured prior to model year 2007.
2007	CI ICE was manufactured in model year 2007.
2008	CI ICE was manufactured in model year 2008.
2009	CI ICE was manufactured in model year 2009.
2010	CI ICE was manufactured in model year 2010.
2011	CI ICE was manufactured in model year 2011.
2012	CI ICE was manufactured in model year 2012.
2013	CI ICE was manufactured in model year 2013.
2014	CI ICE was manufactured in model year 2014.
2015	CI ICE was manufactured in model year 2015.
2016	CI ICE was manufactured in model year 2016.
2017+	CI ICE was manufactured in model year 2017 or later.

★ **Complete "Install Date" only if "Displacement" is "30+."**

Install Date:
Select one of the following options to indicate what year the CI ICE was installed. Enter the code on the form.

Code	Description
2012-	The CI ICE was installed prior to 2012.
2012+	The CI ICE was installed in 2012 or later (use only if "Service" is "EMERG" or "FIRE").
2012-2015	The CI ICE was installed in 2012 through 2015.
2016+	The CI ICE was installed in 2016 or later.

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

Unit ID No.:
Enter the identification number (ID No.) for the stationary compression ignition internal combustion engine unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP/GOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60IIII-XX]). GOP applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attribute information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Do not complete "Kilowatts" if "Displacement" is "30+."**

Kilowatts:
Select one of the following options to indicate the power rating of the CI ICE expressed in Kilowatts (KW). Enter the code on the form.

For non-emergency and emergency (NOT fire pump) CI ICE manufactured prior to model year 2007

Code	Description
8-	Power rating is less than 8 KW.
8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
130-2237	Power rating is greater than or equal to 130 KW and less than or equal to 2237 KW.
2237+	Power rating is greater than or equal to 2237 KW.

For non-emergency CI ICE manufactured in model year 2007 and later

For CI ICE with a displacement less than 10 liters per cylinder

Code	Description
N8-	Power rating is less than 8 KW.
N8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
N19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
N37-56	Power rating is greater than or equal to 37 KW and less than 56 KW.
N56-75	Power rating is greater than or equal to 56 KW and less than 75 KW.
N75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
N130-368	Power rating greater than or equal to 130 KW and less than or equal to 368 KW.
N368-560	Power rating is greater than 368 KW and less than 560 KW.
N560-900	Power rating greater than or equal to 560 KW and less than or equal to 900 KW.
N900-2237	Power rating is greater than 900 KW and less than or equal to 2237 KW.
N2237+	Power rating is greater than 2237 KW.

For CI ICE with a displacement greater than or equal to 10 and less than 30 liters per cylinder

Code	Description
N368-3300	Power rating is greater than 368 KW and less than 3300KW (use only if "Displacement" is "15-20" and "Model Year" is "2007" through "2013").
N3300+	Power rating is greater than or equal to 3300 KW (use only if "Displacement" is "15-20" and "Model Year" is "2007" through "2013").
N75-	Power rating is less than 75 KW.
N75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
N368-600	Power rating is greater than 368 KW and less than 600 KW.
N600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
N1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
N2000-3700	Power rating is greater than or equal to 2000 KW and less than 3700 KW.
N3700+	Power rating is greater than or equal to 3700 KW.

For emergency (NOT fire pump) CI ICE manufactured in model year 2007 and later

For CI ICE with a displacement less than 10 liters per cylinder

Code	Description
E8-	Power rating is less than 8 KW.
E8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
E19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
E37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
E75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
E130-368	Power rating greater than or equal to 130 KW and less than or equal to 368 KW.
E368-560	Power rating greater than or equal to 368 KW and less than or equal to 560KW.
E560-2237	Power rating is greater than 560 KW and less than or equal to 2237 KW.
E2237+	Power rating is greater than 2237 KW.

For CI ICE with a displacement greater than or equal to 10 and less than 15 liters per cylinder

Code	Description
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000-3700	Power rating is greater than or equal to 2000 KW and less than 3700 KW.
E3700+	Power rating is greater than or equal to 3700 KW.

For CI ICE with a displacement greater than or equal to 15 and less than 20 liters per cylinder

Code	Description
E368-3300	Power rating is greater than 368 KW and less than 3300 KW (use only if "Model Year" is 2013).
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000-3300	Power rating is greater than or equal to 2000 KW and less than 3300 KW.
E3300+	Power rating is greater than or equal to 3300 KW.

For CI ICE with a displacement greater than or equal to 20 and less than 30 liters per cylinder

Code	Description
E75-	Power rating is less than 75 KW.
E75-368	Power rating is greater than or equal to 75 KW and less than or equal to 368 KW.
E368-600	Power rating is greater than 368 KW and less than 600 KW.
E600-1400	Power rating is greater than or equal to 600 KW and less than 1400 KW.
E1400-2000	Power rating is greater than or equal to 1400 KW and less than 2000 KW.
E2000+	Power rating is greater than or equal to 2000 KW.

For ALL fire pump CI ICE less than 30 liters per cylinder

Code	Description
F8-	Power rating is less than 8 KW.
F8-19	Power rating is greater than or equal to 8 KW and less than 19 KW.
F19-37	Power rating is greater than or equal to 19 KW and less than 37 KW.
F37-75	Power rating is greater than or equal to 37 KW and less than 75 KW.
F75-130	Power rating is greater than or equal to 75 KW and less than 130 KW.
F130-368	Power rating is greater than or equal to 130 KW and less than or equal to 368 KW.
F368-450	Power rating is greater than 368 KW and less than 450 KW.
F450-560	Power rating is greater than or equal to 450 KW and less than or equal to 560 KW.
F560+	Power rating is greater than 560 KW.

★ **Complete "Filter" only if "Service" is "NON."**

Filter:
Enter "YES" if the CI ICE is equipped with a diesel particulate filter. Otherwise, enter "NO."

★ **Complete "AECD" only if "Service" is "NON" or "EMERG."**

AECD:

Enter "YES" if the CI ICE is equipped with auxiliary emission control devices (AECDs) pursuant to the requirements of 40 CFR 1039.665. Otherwise, enter "NO".

★ **Complete "Standards" only if "Service" is "EMERG" or "FIRE."**

Standards:
Enter "YES" if the emergency CI ICE meets the Tier 1, 2, 3, or 4 standards applicable to non-emergency engines (for the same KW and model year). Otherwise, enter "NO."

Compliance Option:
Select one of the following options to indicate how compliance is being demonstrated. Enter the code on the form.

Select one of the following two options only if "Commencing" is "MOD" or "RECON."

Code	Description
CERT	Engine certified to meet the emission standards in §60.4204(e) or §60.4205(f), as applicable.
NONCERT	Engine not certified to meet the emission standards in §60.4204(e) or §60.4205(f), as applicable.

Select one of the following five options only if "Commencing" is "CON:" **and**

- "Service" is "NON" or "EMERG" and "Displacement" is NOT "30+" and "Model Year" is "2007-"; **or**
- "Service" is "FIRE;" **and**
  - "Kilowatts" is "F8-", "F8-19", "F19-37", or "F37-75" **and** "Model Year" is "2010" or prior; or
  - "Kilowatts" is "F75-130" **and** "Model Year" is "2009" or prior; or
  - "Kilowatts" is "F130-368", "F368-450", or "F450-560" **and** "Model Year" is "2008" or prior; or
  - "Kilowatts" is "F560+" **and** "Model Year" is "2007" or prior.

Code	Description
PURCH	Certified engine according to § 60.4211(b)(1).
SIMILAR	Records are kept on a similar engine according to § 60.4211(b)(2).
MDATA	Records are kept of manufacturer data according to § 60.4211(b)(3).
CDDATA	Records are kept of control device data according to § 60.4211(b)(4).
TEST	Performance test conducted according to § 60.4211(b)(5).

Select one of the following two options only if "Commencing" is "CON:" **and**

- "Service" is "NON" or "EMERG" and "Displacement" is **not** "30+" and "Model Year" is ***not*** "2007-"; **or**
- "Service" is "FIRE;" **and**
  - "Kilowatts" is "F8-", "F8-19", "F19-37", or "F37-75" **and** "Model Year" is "2011" or later; or
  - "Kilowatts" is "F75-130" **and** "Model Year" is "2010" or later; or
  - "Kilowatts" is "F130-368", "F368-450", or "F450-560" **and** "Model Year" is "2009" or later; or
  - "Kilowatts" is "F560+" **and** "Model Year" is "2008" or later.

Code	Description
MANU YES	The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.
MANU NO	The CI ICE and control device IS NOT installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.

★ **Complete "PM Compliance" only if "Commencing" is "CON" and "Service" is "NON," and "Displacement" is "30+."**

PM Compliance:
Select one of the following options to indicate which Particulate Matter compliance option you are using. Enter the code on the form.

Code	Description
PM60	Particulate matter emissions are reduced by 60% or more
PM15	Particulate matter emissions are limited in the engine exhaust to 0.15 g/KW-hr

★ **Complete "Options" only if "Service" is "FIRE" and if one of the following conditions are met:**

- **"Kilowatts" is "F37-75" and "Model Year" is "2011", "2012," or "2013"; or**
- **"Kilowatts" is "F75-130" and "Model Year" is "2010," "2011", or "2012"; or**
- **"Kilowatts" is "F130-368" or "F368-450" and "Model Year" is "2009," "2010", or "2011"**

Options:
Select one of the following options to indicate the rated speed (in RPMs) and whether or not you are choosing to alternatively comply with the previous model year's emission limits as stated in 40 CFR 60, Subpart IIII-Table 4 (Footnotes 1-3). Enter the code on the form.

Code	Description
2650-	The CI ICE rated speed is less than 2650 RPMs (Not allowed to comply with the previous model year's emission limits).
2650+YES	The CI ICE rated speed is greater than 2650 RPMs and is complying with the previous model year's emission limits.
2650+NO	The CI ICE rated speed is greater than 2650 RPMs but is not complying with the previous model year's emission limits.

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.
01/16/2025	O1402	RN100213248

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
E-01	R7201-GRPENGS1	300+	FCD+	Yes	ENG	NG	RICHBURN		
E-02	R7201-GRPENGS1	300+	92-		ENG	NG	RICHBURN		
E-03	R7201-GRPENGS3	300+	92-		850-	NG	RICHBURN		
E-04	R7201-GRPENGS1	300+	92-		ENG	NG	RICHBURN		
E-05	R7201-GRPENGS1	300+	92-		ENG	NG	RICHBURN		
E-06	R7201	300+	93-FCD	No					
PE-01	R7201-GRPENGS2	300-			EXEMPT				
PE-02	R7201	300-			EXEMPT				
CE-01	R7201-GRPENGS2	300-			EXEMPT				
CE-02	R7201	300-			EXEMPT				

GE-01	**R7201-GRPENGS4**	**300+**	**FCD+**		**EMERG**	**NG**			

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 2)
Federal Operating Permit Program
Table 1b: 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.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	NO_x Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO_x Averaging Method	NO_x Reduction	NO_x Monitoring System
E-01	**R7201-GRPENGS1**	**105**		**93N**	**NO**	**1 HR**	**NSCR**	**MERT**
E-02	**R7201-GRPENGS1**	**105**		**93N**	**NO**	**1 HR**	**NSCR**	**MERT**
E-04	**R7201-GRPENGS1**	**105**		**93N**	**NO**	**1 HR**	**NSCR**	**MERT**
E-05	**R7201-GRPENGS1**	**105**		**93N**	**NO**	**1 HR**	**NSCR**	**MERT**

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 3)
Federal Operating Permit Program
Table 1c: 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.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH_3 Emission Limitation	NH_3 Monitoring
E-01	**R7201-GRPENGS1**	**X40A**	**105**	**1HR**	**OTHER**		
E-02	**R7201-GRPENGS1**	**X40A**	**105**	**1HR**	**OTHER**		
E-04	**R7201-GRPENGS1**	**X40A**	**105**	**1HR**	**OTHER**		
E-05	**R7201-GRPENGS1**	**X40A**	**105**	**1HR**	**OTHER**		

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.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
E-01	63ZZZZ-GRPENGS1	Area	500+	02-	NO	NORMAL	4SRB
E-02	63ZZZZ-GRPENGS1	Area	500+	02-	NO	NORMAL	4SRB
E-03	63ZZZZ-GRPENGS3	Area	500+	02-	NO	NORMAL	4SRB
E-04	63ZZZZ-GRPENGS1	Area	500+	02-	NO	NORMAL	4SRB
E-05	63ZZZZ-GRPENGS1	Area	500+	02-	NO	NORMAL	4SRB
E-06	63ZZZZ	Area	500+	02-	NO	NORMAL	4SRB
GE-01	63ZZZZ-GRPENGS4	Area	300-500	06+			
PE-01	63ZZZZ-GRPENGS2	Area	100-	06+			
PE-02	63ZZZZ	Area	100-	06+			
CE-01	63ZZZZ-GRPENGS2	Area	100-	06+			
CE-02	63ZZZZ	Area	100-	06+			

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 5)
Federal Operating Permit Program
Table 2b: 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.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 6)
Federal Operating Permit Program
Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary 32BReciprocating Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 7)
Federal Operating Permit Program
Table 3: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117) Subchapter E: Multi-Region Combustion Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Unit Type	Horsepower Rating	Landfill	Control Operations	NO_x and O_2 Monitoring	Ammonia Use	NHR_3 Emission Limitation	Ammonia Monitoring

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

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Construction/ Reconstruction/ Modification Date	Test Cell	Exemption	Temp Replacement	Horsepower	Fuel	AEL No.	Lean Burn	Commencing
E-01	60JJJJ-GRPENGS1	NO								
E-02	60JJJJ-GRPENGS1	NO								
E-03	63JJJJ-GRPENGS3	NO								
E-04	60JJJJ-GRPENGS1	NO								
E-05	60JJJJ-GRPENGS1	NO								
E-06	60JJJJ	NO								
GE-01	60JJJJ-GRPENGS4	YES	NO	NONE	NO	130-500E	NATGAS			CON
PE-01	60JJJJ-GRPENGS2	YES	NO	NONE	NO	25-100	NATGAS			CON
PE-02	60JJJJ	YES	NO	NONE	NO	25-100	NATGAS			CON

CE-01	**60JJJJ-GRPENGS2**	**YES**	**NO**	**NONE**	**NO**	**25-100**	**NATGAS**			**CON**
CE-02	**60JJJJ**	**YES**	**NO**	**NONE**	**NO**	**25-100**	**NATGAS**			**CON**

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

Date	Permit No.	Regulated Entity No.
01/16/2025	O1402	RN100213248

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Displacement	Certified	Operation	Certified Modification	Service	Severe Duty	Optional Compliance
GE-01	60JJJJ-GRPENGS4	N0111+E		YES	YES		EMERG	NO	
PE-02	60JJJJ	N0708+		NO			NON	NO	
CE-01	60JJJJ-GRPENGS2	N0708+		NO			NON	NO	
CE-02	60JJJJ	N0708+		NO			NON	NO	
PE-01	60JJJJ-GRPENGS2	N0708+		NO			NON	NO	

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.

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date

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.

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date

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.

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided.)*

☐ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application.)*

☒ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number *(if issued)*
CN 600126502		RN 100213248

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* | *If new Customer, enter previous Customer below:*

Lower Neches Valley Authority

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☒ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☐ 0-20 ☐ 21-100 ☒ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address: 7850 Eastex Freeway

City	Beaumont	State	TX	ZIP	77708	ZIP + 4	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*

(409) 892-4011		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Neches First Pumping Station

23. Street Address of the Regulated Entity: *(No PO Boxes)*	10550 Helbig Rd							
	City	Beaumont	**State**	TX	**ZIP**	77708	**ZIP + 4**	
24. County	Jefferson							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:								
26. Nearest City					**State**		**Nearest ZIP Code**	
Beaumont					TX		77708	

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:				**28. Longitude (W) In Decimal:**				
Degrees	Minutes		Seconds	Degrees		Minutes		Seconds
30	10		7	94		9		17

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
4941		221310	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Water supplied to water customers.

34. Mailing Address:	7850 Eastex Freeway							
	City	Beaumont	**State**	TX	**ZIP**	77708	**ZIP + 4**	
35. E-Mail Address:	jeanniem@LNVA.dst.tx.us							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(409) 892-4011		( ) -

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☒ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Jeannie Mahan		**41. Title:**	Environmental Lab Manager
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**	
(409) 892-4011		( ) -	jeanniem@LNVA.dst.tx.us	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Lower Neches Valley Authority	**Job Title:**	General Manager
Name *(In Print):*	Scott Hall	**Phone:**	(409) 892- **4011**
Signature:	Scott Hall	**Date:**	1/16/2025

Texas Commission on Environmental Quality

Title V Existing

1402

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	NECHES FIRST PUMPING STATION
County	JEFFERSON
Latitude (N) (##.######)	30.168611
Longitude (W) (-###.######)	94.154722
Primary SIC Code	4941
Secondary SIC Code	
Primary NAICS Code	221310
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100213248
What is the name of the Regulated Entity (RE)?	NECHES 1ST PUMPING STATION
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	10550 HELBIG RD
City	BEAUMONT
State	TX
ZIP	77703
County	JEFFERSON
Latitude (N) (##.######)	30.168611
Longitude (W) (-###.######)	-94.153055
Facility NAICS Code	
What is the primary business of this entity?	

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600126502
Type of Customer	State Government
Full legal name of the applicant:	

Legal Name	Lower Neches Valley Authority
Texas SOS Filing Number	
Federal Tax ID	746000299
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	831015818
Number of Employees	101-250
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	LOWER NECHES VALLEY AUTHORITY
Prefix	MR
First	SCOTT
Middle	
Last	HALL
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7850 EASTEX FWY
Routing (such as Mail Code, Dept., or Attn:)	
City	BEAUMONT
State	TX
ZIP	77708
Phone (###-###-####)	4098982468
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	scott.hall@lnva.dst.tx.us

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	JEANNIE MAHAN(LOWER NECHES VA...)
Organization Name	LOWER NECHES VALLEY AUTHORITY
Prefix	MRS
First	JEANNIE
Middle	
Last	MAHAN
Suffix	
Credentials	
Title	TECHNICAL ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 5117
Routing (such as Mail Code, Dept., or Attn:)	
City	BEAUMONT
State	TX
ZIP	77726
Phone (###-###-####)	4098924011
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	4098982468
E-mail	jeanniem@LNVA.org

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	30 Deg 10 Min 7 Sec
3) Permit Longitude Coordinate:	94 Deg 9 Min 17 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Renewal
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No

5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name	OP_1_10002 OP-1-JM.pdf
Hash	71FA151B7B1946279EA9AA79134A5066308A5F45AC17D37182F0A9DDA6B0071F
MIME-Type	application/pdf

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

[File Properties]

File Name	OP_2_10059 OP-2_JM.pdf
Hash	B1468BB5BA7310F37DC92AC4F0679652135BFA9778D96E917500193C7E95C8E2
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name	OP_ACPS_10100 OP-ACPS_JM.pdf
Hash	634A53938AC6767DDCD5A132E7317D1A0F7CD5BC2F97BCD1A89291B8742FAD25
MIME-Type	application/pdf

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

[File Properties]

File Name	OP_REQ1_10043tbl OP-REQ1_JM.pdf
Hash	49EC1FB0F5588FD1FBEF0023B946BE003B6DD97B2B19D9A74C44AC1A44D8655A
MIME-Type	application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name	OP_REQ2_10017 OP-REQ2_JM.pdf
Hash	ED52D65A44CEFC97E6C602CBD37905C993001BFAC6507E678FB96DF207C47894
MIME-Type	application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name OP_PBRSUP_20875 OP-PBRUPS.pdf

Hash BC41FDFABEE52A73D85B78ECA8F727BA7AA8A8B127022C17A6B79B7A02B6DF14

MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP_SUMR_10344 OP-SUMR_JM.pdf

Hash C6F1854671B4E460066D8F4D2FF0546FB22EA835AB05185E72D056619B132A5E

MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name 10003-OP-UA2-JM.pdf

Hash 98ECA2290B94F062F6FFFE6FB8857617CDB9458724434A64A2F3B40C32C4CDD7

MIME-Type application/pdf

[File Properties]

File Name 10008tbl OP-UA3_JM.pdf

Hash 2D59A2BE6031C44C005940AD8FB8DF58AD5C06A3FE0A972039D666B13A7C6930

MIME-Type application/pdf

[File Properties]

File Name 10025 OP-UA5_JM.pdf

Hash 067E1D8D2EFC65D8BDBDF0E673E39F36FC8AEE1AFBE8156EDFA96051339946DD

MIME-Type application/pdf

[File Properties]

File Name 10030 UA-16_JM.pdf

Hash 7F30AAE588545CDBC73E7D94B7788709BE83D9F5DE1504116186B82E4BD77769

MIME-Type	application/pdf
[File Properties]	
File Name	10038 OP-UA14_JM.pdf
Hash	226D5DBAF48D2C85D5F2A11317B3887F334E2E34F83B68A6FFD3A23A8B2B440D
MIME-Type	application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]	
File Name	Area Map Neches 1st.pdf
Hash	B79275814F2FC1E834796B7AF93A5AA3B4203D50235C8E583EEDF112E98310A5
MIME-Type	application/pdf
[File Properties]	
File Name	Core data form_signed_JM.pdf
Hash	113515C00C489C0DFDCF228C7CD42D4547D8955BC8F341CADAC544E48D5E733A
MIME-Type	application/pdf
[File Properties]	
File Name	Neches 1st Plot Plan.pdf
Hash	304EB2D2EC12F919903AEDE2942B89A5015367816F34A902BDBC9E36C3EE7A76
MIME-Type	application/pdf
[File Properties]	
File Name	process description.pdf
Hash	EC7A4090820AA4C233E9CEBA24CBD4DAF49DFE47784921E95354818FB5673D8A
MIME-Type	application/pdf
[File Properties]	
File Name	process diagrams.pdf
Hash	2BA959F54F6812699B4A33C50A68A43C43CBCD7FB2C5462BE8B50A4F2A455BFB
MIME-Type	application/pdf

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

[File Properties]

File Name	10007 OP-SUM_JM.pdf
Hash	589AA27E50AA9F2E949E2208DA9FF77B2027A137AEF847C37B2B0A0E4264EEA9
MIME-Type	application/pdf

Expedite Title V

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

Certification

I certify that I am the 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 Scott Hall, the owner of the STEERS account ER064765.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1402.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Scott Hall OWNER OPERATOR

Account Number:	ER064765
Signature IP Address:	71.40.88.86
Signature Date:	2025-01-24
Signature Hash:	BBC44CF5946E333C9A52CA1D6556AAB9A1A0D072B21661D5CA3984DD072694CA
Form Hash Code at time of Signature:	3B7ACAFBB62BE8059E9AF5E196F1E677283CC3BD29350FD21232C84CB5463407

Submission

Reference Number:	The application reference number is 749356
Submitted by:	The application was submitted by ER064765/Scott Hall
Submitted Timestamp:	The application was submitted on 2025-01-24 at 14:15:02 CST
Submitted From:	The application was submitted from IP address 71.40.88.86
Confirmation Number:	The confirmation number is 622099
Steers Version:	The STEERS version is 6.85
Permit Number:	The permit number is 1402

Additional Information

Application Creator: This account was created by Jeannie Mahan