Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)?

What is the name of the Regulated Entity (RE)? FORMOSA POINT COMFORT PLANT

Does the RE site have a physical address?

Physical Address

Number and Street 201 FORMOSA DR
City POINT COMFORT

 State
 TX

 ZIP
 77978

 County
 CALHOUN

 Latitude (N) (##.#####)
 28.6888

 Longitude (W) (-###.#####)
 -96.5472

Facility NAICS Code

What is the primary business of this entity? INDUSTRIAL CHEMICAL MANUFACTURING

PLANT

RN100218973

Yes

Customer (Applicant) Information

How is this applicant associated with this site?

Owner Operator
What is the applicant's Customer Number

CN600130017

(CN)?

Type of Customer Corporation

Full legal name of the applicant:

Legal Name Formosa Plastics Corporation, Texas

Texas SOS Filing Number5107506Federal Tax ID222355464State Franchise Tax ID12223554648

State Sales Tax ID

Local Tax ID

DUNS Number 106238165

Number of Employees 501+

Independently Owned and Operated? Yes

applicable)

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

City LIVINGSTON

State NJ 2IP 07039

Phone (###-###) 9737167205

Extension

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

Fax (###-###-####) 9739948005

E-mail tammyl@fdde.fpcusa.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions

about this application

Select existing DAR contact or enter a new

contact.

Organization Name FORMOSA PLASTICS CORPORATION

TEXAS

MIKE RIVET(FORMOSA PLASTIC...)

Prefix MR
First MIKE

Middle

Last RIVET

Suffix Credentials

Title EXECUTIVE DIRECTOR SITE MANAGER

Enter new address or copy one from list

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if PO BOX 700

applicable)

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

City POINT COMFORT

State TX
Zip 77978

Last USOFF Suffix Credentials ASSISTANT MANAGER OF AIR PERMITTING Title **Duly Authorized Representative Contact** Enter new address or copy one from list: Address Mailing Address Address Type Domestic Mailing Address (include Suite or Bldg. here, if PO BOX 700 applicable) Routing (such as Mail Code, Dept., or Attn:) POINT COMFORT City State ΤX ZIP 77978 Phone (###-###-###) 3619209401 Extension Alternate Phone (###-###-###) Fax (###-###-###) LEANNU@FTPC.FPCUSA.COM E-mail Title V General Information - Existing 1) Permit Type: SOP 2) Permit Latitude Coordinate: 28 Deg 38 Min 43 Sec 3) Permit Longitude Coordinate: 96 Deg 32 Min 31 Sec 4) Is this submittal a new application or an **New Application** update to an existing application? 4.1. What type of permitting action are you Renewal applying for? 4.1.1. Are there any permits that should be No voided upon issuance of this permit application

No

through permit conversion?

through permit consolidation?

4.1.2. Are there any permits that should be

voided upon issuance of this permit application

Attach OP-ACPS (Application Compliance Plan and Schedule) Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information) Attach OP-REQ2 (Negative Applicable Requirement Determinations) Attach OP-REQ3 (Applicable Requirements Summary) Attach OP-PBRSUP (Permits by Rule Supplemental Table) Attach OP-SUMR (Individual Unit Summary for Revisions) Attach OP-MON (Monitoring Requirements) Attach OP-UA (Unit Attribute) Forms If applicable, attach OP-AR1 (Acid Rain Permit Application) Attach OP-CRO2 (Change of Responsible Official Information) Attach OP-DEL (Delegation of Responsible Official) Attach any other necessary information needed to complete the permit. An additional space to attach any other necessary information needed to complete the permit. Expedite Title V 1) Per Texas Health and Safety Code, Section No

382.05155, does the applicant want to expedite the processing of this application?

Certification

OWNER OPERATOR Signature: Mike Rivet OWNER OPERATOR

Account Number: ER093335
Signature IP Address: 24.116.223.222
Signature Date: 2024-06-21

Signature Hash: 1D96686854B12E0F5FA241401E07955B06BD2257800F82BF7A872089D866131A Form Hash Code at E0D1BEF0C3133E5A7E5DCA0010CF00C676666DDC9CD6E96EE533FA9CA48C995A

time of Signature:

Submission

Reference Number: The application reference number is 652178

Submitted by: The application was submitted by

ER093335/Mike Rivet

Submitted Timestamp: The application was submitted on 2024-06-21

at 08:37:28 CDT

Submitted From: The application was submitted from IP address

24.116.223.222

Confirmation Number: The confirmation number is 547048

Steers Version: The STEERS version is 6.77
Permit Number: The permit number is 3421

Additional Information

Application Creator: This account was created by Analyssa E Hernandez



Formosa Plastics Corporation, Texas

201 Formosa Drive • P.O. Box 700 Point Comfort, TX 77978 Telephone: (361) 987-7000

June 21, 2024

Electronic Delivery via STEERS

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

RE: Formosa Plastics Corporation, Texas

Energy/Steam Generating Facility Title V SOP Renewal Application

TCEQ Air Quality Project Number: TBD TCEQ Title V Permit Number: O3421

Customer Reference Number: CN600130017 Regulated Entity Number: RN100218973 TCEQ Air Quality Account Number: CB0038Q

To Whom It May Concern:

Formosa Plastics Corporation, Texas (FPC TX) is submitting the enclosed Title V Site Operating Permit (SOP) renewal application for the Energy/Steam Generating Facility located in Point Comfort, Calhoun County, Texas. The enclosed application satisfies the requirements for SOP renewals under 30 TAC Chapter 122.

The enclosed application includes the following forms: OP-CRO1, OP-1, OP-2, OP-ACPS, OP-PBRSUP, OP-REQ1, and OP-UA6 form.

Should you have any questions, please contact Ms. LeAnn Usoff at LeAnnU@ftpc.fpcusa.com or by telephone at (361) 920-9401.

Sincerely,

Mike Rivet Digitally signed by Mike Rivet Date: 2024.06.17 11:22:29

-05'00'

Mike Rivet Assistant Vice President/Site Manager Formosa Plastics Corporation, Texas

Enclosure

CC: Electronic Delivery via STEERS
Air Program Manager, Region 14
Texas Commission on Environmental Quality
500 North Shoreline Blvd, Ste 500
Corpus Christi, Texas 78401-0318
(Copy of the Application)

Electronic Delivery: R6AirPermitsTX@epa.gov

EPA Region 6

RENEWAL APPLICATION FOR ENERGY/STEAM GENERATING FACILITY TITLE V SITE OPERATING PERMIT (SOP)



Formosa Plastics Corporation, Texas Energy/Steam Generating Facility Point Comfort, Texas

Customer Reference No. CN600130017 Regulated Entity No. RN100218973

Submitted To:
Texas Commission on Environmental Quality
Air Division
P.O. Box 13087
Austin, Texas 78711-3087

PROJECT NUMBER: 0180436.24.01



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| | APPLICABILITY DETERMINATION FORMS | |
| - | UNIT ATTRIBUTE FORM | _ |

APPENDICES:

APPENDIX A GENERAL AND ADMINISTRATIVE FORMS

APPENDIX B AREA WIDE APPLICABLE REQUIREMENTS FORM

APPENDIX C UNIT ATTRIBUTE FORM

1.0 INTRODUCTION

Formosa Plastics Corporation, Texas (FPC TX) currently operates a number of chemical plants at their chemical complex near Point Comfort, in Calhoun and Jackson Counties, Texas. FPC TX's Energy/Steam Generating Facility in Calhoun County, Texas is currently authorized by Air Quality Permit Nos. 76044, PSDTX1053, and Title V Site Operating Permit (SOP) No. O3421.

The Energy/Steam Generating Facility consists of two gas-fired boilers (previously referred to as circulating fluidized bed units) and ancillary support facilities. The electrical power generated at the Energy/Steam Generating Facility is used to satisfy the general power demand at FPC TX's integrated chemical complex. The boilers are authorized to fire natural gas. The Energy/Steam Generating Facility is permitted for continuous (8,760 hour per year) operation at maximum load.

FPC TX submitted a Title V SOP minor revision application for the Energy/Steam Generating Facility FOP Permit to incorporate the Energy/Steam Generating Facility's NSR Permit No. 76044 renewal issued on February 4, 2021. The Title V SOP minor revision was approved April 10, 2024.

FPC TX is submitting this Title V SOP renewal application to request permit renewal prior to expiration. This application is being submitted according to the timeline required for SOP renewals specified in 30 TAC 122.133(4) and it contains the following updated information required by the SOP application procedures specified in 30 TAC 122.132:

- Site location map and plot plan with emission units designated;
- Description of the processes and associated process flow diagrams;
- General and administrative forms OP-CRO1, OP-1, OP-2, OP-ACPS, OP-MON, OP-PBRSUP, and OP-SUMR (Appendix A);
- Area-wide applicable requirements form OP-REQ1 (Appendix B);
- Unit attribute forms OP-UA6 and OP-UA15 (Appendix C)

FPC TX is requesting to make the following changes with this renewal application:

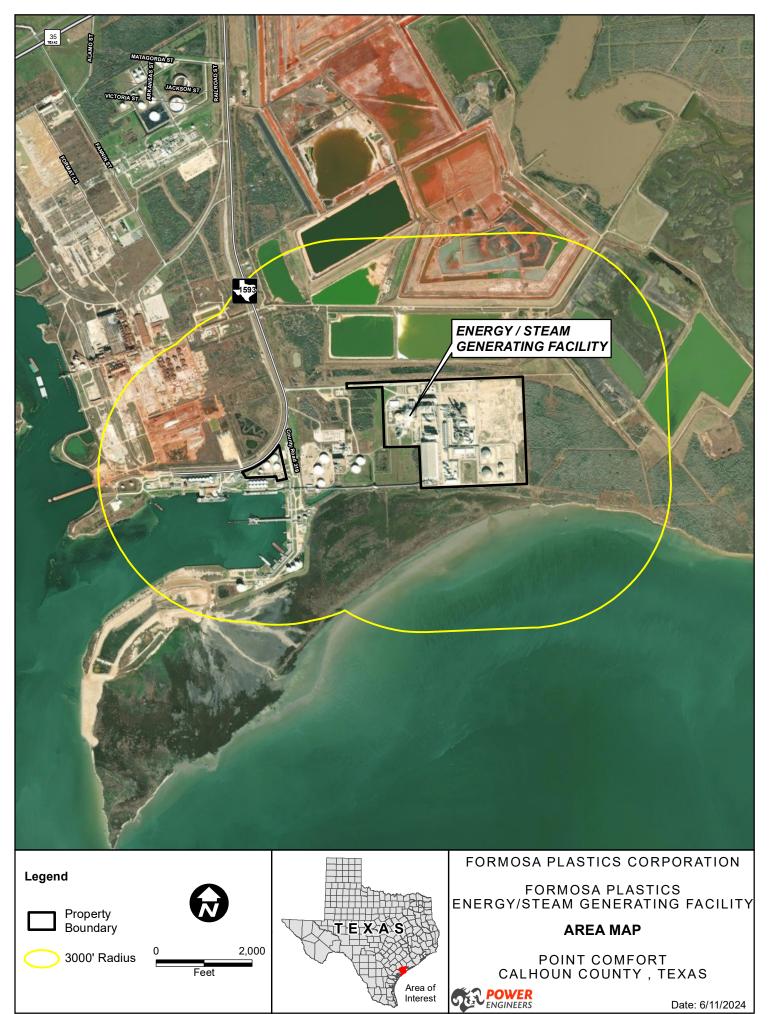
- Add periodic monitoring related to annual visible emission monitoring for the cooling tower (Unit ID: CT) via the OP-MON form.
- Add a subpart to General Condition no. 3 of the SOP related to 30 TAC Chapter 111
 requirements for stationary vents with flow rates greater than 100,000 actual cubic feet per
 minute.
- Incorporate citation-level regulatory applicability for 40 CFR Part 63, Subpart DDDDD to replace the current high-level applicability for the boilers.

Sections 2.0, 3.0, and 4.0 of this application include site descriptive information such as the site location map, plot plan, and process information. Section 5.0 and the related appendices include the necessary TCEQ application forms.

2.0 SITE LOCATION

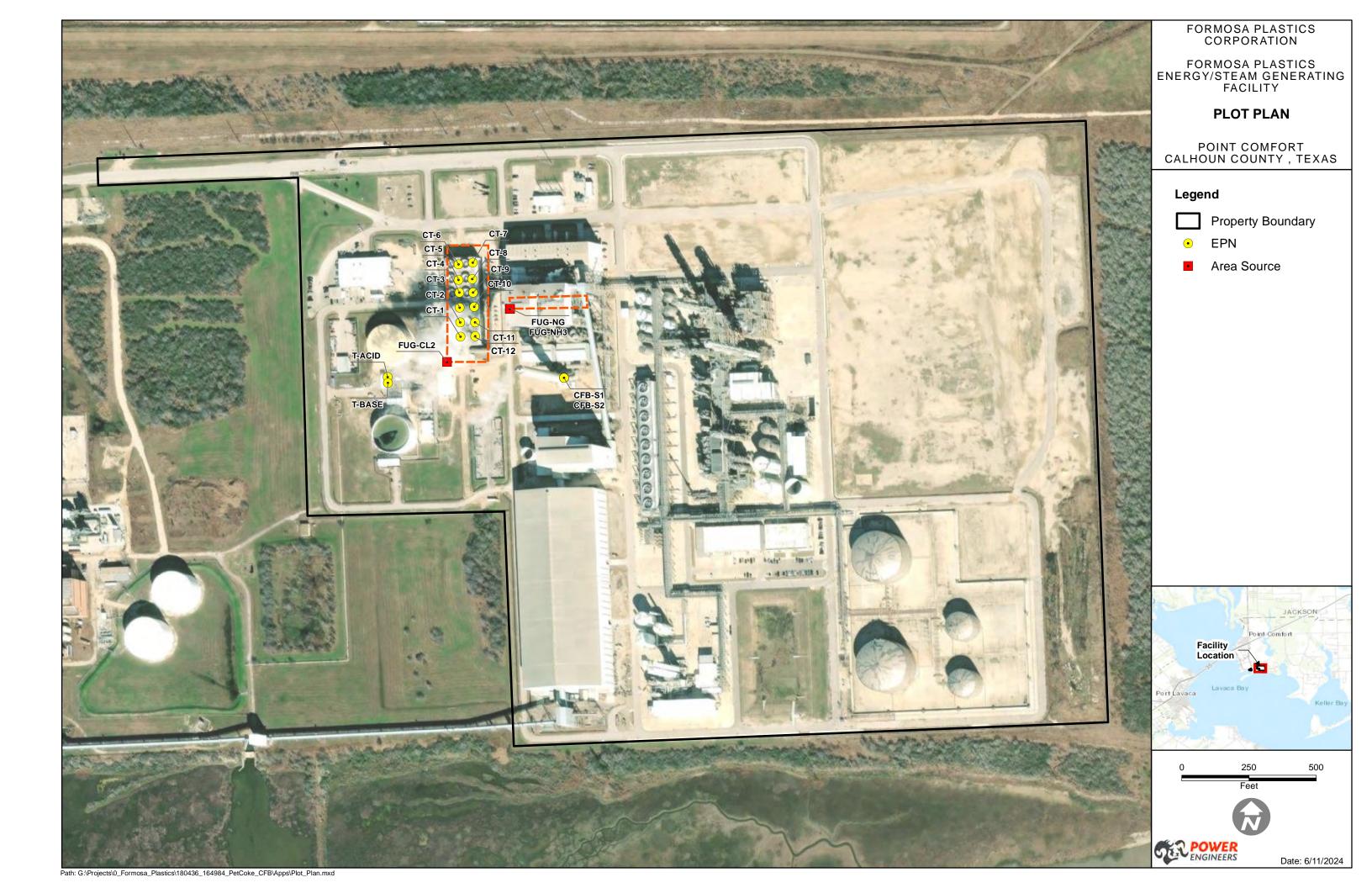
The Energy/Steam Generating Facility is located at the FPC TX Point Comfort Site, which is immediately east of Farm Road 1593, west of Cox Creek, and north of State Highway 35. The Energy/Steam Generating Facility is located in Calhoun County.

A scaled area map that shows the location of the Energy/Steam Generating Facility is included in this section.



3.0 PLOT PLAN

A detailed plot plan of the Energy/Steam Generating Facility showing the facilities included in this application is provided in this section of the application. Emission points are identified on the detailed plot plan.



4.0 PROCESS DESCRIPTION AND FLOW DIAGRAM

Provided in this section of the application are the process flow diagrams and process description for the Energy/Steam Generating Facility.

The Energy/Steam Generating Facility consists of two gas-fired boilers and ancillary support facilities. The following describes the processes involved in generating electricity from the boilers. Sources of emissions are referenced by their EPN or FIN designations.

Overall Description

FPC TX is authorized to operate an energy generating facility, Energy/Steam Generating Facility, which consists of two gas-fired boilers (EPNs CFB-S1 and CFB-S2) and ancillary support facilities. The electricity generated at the Energy/Steam Generating Facility is used to satisfy the general power demand at FPC TX's integrated chemical complex. The boilers are authorized to fire natural gas. The Energy/Steam Generating Facility is permitted for continuous (8,760 hour per year) operation at maximum load, firing natural gas.

Steam Handling and Condensing

High-pressure boiler feed water centrifugal pumps will continuously supply water to each boiler, which, in turn, will serve one steam generator. The steam drum will receive both sub-cooled feedwater from the economizer and a mixture of water and saturated steam from the furnace. From the turbine generators, steam will be condensed to water and returned to the boilers. Water used to cool the steam will, in turn, be cooled in a bank of cooling tower cells designed with fan-assisted air flow. These cooling towers will be a source of particulate emissions (EPNs CT-1/12) to the atmosphere as the drift droplets evaporate, releasing the dissolved solids in the water. The steam also has the option to be routed to the EG2 process for heating purposes. Condensate water from the EG2 process is recovered and routed to the CFB cooling towers.

Flue Gas Handling and Emissions Controls

The flue gas from each boiler will be directed through a selective non-catalytic reduction (SNCR) system, in which aqueous ammonia will be injected into the combustion stream, reducing a portion of the NOx to molecular nitrogen. Gases will then pass into the convection section of the boiler where most of the heat is absorbed to generate steam.

Inorganic Liquid Storage Tanks

Aqueous ammonia will be stored in a storage tank that will be shared by the two units. The ammonia tank will be equipped with a pressure relief valve for emergency situations only; however, piping and fittings associated with the tank and the transfer of ammonia to the boilers will be sources of fugitive emissions (EPN: FUG-NH3). In addition, a sulfuric acid tank (EPN: T-ACID) and a tank (EPN: T-BASE) for storing bases (e.g., NaOH and NaOCl) will be installed for use in boiler water treatment. Each of these fixed roof tanks will be small, will store low vapor pressure materials and will produce negligible emissions.

PROCESS FLOW DIAGRAM



Cooling Tower (CT-1/12)

Water Treatment (T-ACID, T-BASE)



Process Flow Diagram Energy/Steam Generating Facility

FORMOSA PLASTICS CORPORATION, TEXAS

Drafted By: Reviewed By: C. Wilson E. Quiat

By: Project No: 0180436.23.01

Date: 12/5/2023

5.0 GENERAL AND ADMINISTRATIVE FORMS

Appendix A of this application includes the general and administrative forms and supporting information required by the SOP renewal process, 30 TAC 122.132. These forms and other data include the following:

- OP-CRO1 (Certification by Responsible Official);
- OP-1 (Site Information Summary);
- OP-2 (Application for Permit Revision/Renewal);
- OP-ACPS (Application Compliance Plan and Schedule);
- OP-MON (Monitoring Requirements) and
- OP-PBRSUP (Permits by Rule Supplemental Table).
- OP-SUMR (Individual Unit Summary for Revisions).

5.1 Applicability Determination Forms

The emissions units at the Energy/Steam Generating Facility are subject to site-wide applicable requirements as well as unit specific non-applicability determinations. A completed OP-REQ1 detailing these requirements is included in Appendix B.

5.2 Unit Attribute Form

Appendix C includes the following unit attribute form:

- OP-UA6 (Boiler/Steam Generator/Steam Generating Unit Attributes).
- OP-UA15 (Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes).

APPENDIX A GENERAL AND ADMINISTRATIVE FORMS

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

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

| I. | Identifying Information | | | | | | |
|--|--|-------------------|------------------|-------------|--------------------------------|-----|--|
| RN: | 100218973 | CN: 600130017 | | | Account No.: CB0038Q | | |
| Permit No.: O3421 | | | Project No.: TBA | | | | |
| Area | Name: Energy/Steam Generating | Facility | Company Na | ıme: Forn | nosa Plastics Corporation, Tex | as | |
| II. | Certification Type (Please mark | the appropriate l | box) | | | | |
| ☐ R | esponsible Official | | Duly A | uthorized 1 | Representative | | |
| III. | Submittal Type (Please mark the | e appropriate box |) (Only one re | sponse ca | n be accepted perform) | | |
| □ S | OP/TOP Initial Permit Application | ☐ Updat | e to Permit Ap | plication | | | |
| ☐ G | OP Initial Permit Application | 🔀 Permi | Revision, Re | newal, or | Reopening | | |
| □ C | Other: | | | | | | |
| IV. | Certification of Truth | | | | | | |
| only. | This certification does not extend to information which is designated by the TCEQ as information for reference only. | | | | | | |
| I, \underline{M} | ike Rivet | T) | certif | y that I an | n the DAR | | |
| (Certifier Name printed or typed) | | | | | (RO or DAR) | | |
| and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: | | | | | | | |
| Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s). | | | | | | | |
| Time | Period: From | tart Date | to | | | | |
| | Si | tart Date | | | End Date | | |
| Spec | ific Dates: 06/14/2024 | | | | | | |
| | Date 1 | Date 2 | Date 3 | Date 4 | Date 5 Date | e 6 | |
| Signa | ature: (signed in STEERS) | | | _ Signatu | re Date: | | |
| Title: | Executive Director/Site Manager | | | | | | |

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: Formosa Plastics Corporation, Texas | | | | | |
| В. | Customer Reference Number (CN): CN600130017 | | | | | |
| C. | Submittal Date (mm/dd/yyyy): 06/14/2024 | | | | | |
| II. | Site Information | | | | | |
| A. | Site Name: Energy/Steam Generating Facility | | | | | |
| В. | Regulated Entity Reference Number (RN): RN100218973 | | | | | |
| C. | Indicate affected state(s) required to review permit application: (Check the appropriate box[es].) | | | | | |
| ☐ A | R 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].) | | | | | |
| ⊠ v | $OC igwidghtarrow NO_X igwidghtarrow SO_2 igwidghtarrow PM_{10} igwidghtarrow CO igwidghtarrow Pb igwidghtarrow HAPS$ | | | | | |
| Other | r: | | | | | |
| Ε. | 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 | | | | | |
| Н. | . Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: | | | | | |
| III. | Permit Type | | | | | |
| Α. | Type of Permit Requested: (Select only one response) | | | | | |
| ⊠ Si | ite Operating Permit (SOP) | | | | | |

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 2)

| 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 N | Name Prefix: (Mr. Mrs. Mrs. Dr.) | | | | |
| RO F | Full Name: Ken Mounger | | | | |
| RO T | RO Title: Executive Vice President | | | | |
| Emp | Employer Name: Formosa Plastics Corporation, Texas | | | | |
| Mail | Mailing Address: 9 Peach Tree Hill Road | | | | |
| City: | City: Livingston | | | | |
| State | State: New Jersey | | | | |
| ZIP (| ZIP Code: 07039 | | | | |
| Terri | tory: | | | | |
| Cour | ntry: USA | | | | |
| Forei | Foreign Postal Code: | | | | |
| Inter | nal Mail Code: | | | | |
| Telep | Telephone No.: (973) 716-7205 | | | | |
| Fax 1 | No.: (973) 994-8005 | | | | |
| Emai | Email: tlasater@ftpc.fpcusa.com | | | | |

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 3)

| VII. Technical Contact Identifying Information (Complete if different from RO.) |
|--|
| Technical Contact Name Prefix: (Mr. Mrs. Ms. Dr.) |
| Technical Contact Full Name: LeAnn Usoff |
| Technical Contact Title: Assistant Manager of Air Permitting |
| Employer Name: Formosa Plastics Corporation, Texas |
| Mailing Address: 201 Formosa Drive |
| City: Point Comfort |
| State: TX |
| ZIP Code: 77978 |
| Territory: |
| Country: USA |
| Foreign Postal Code: |
| Internal Mail Code: |
| Telephone No.: (361) 920-9401 |
| Fax No.: |
| Email: LeAnnU@ftpc.fpcusa.com |
| VIII. Reference Only Requirements (For reference only.) |
| A. State Senator: Lois W. Kolkhorst |
| B. State Representative: J. M. Lozano |
| C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? |
| D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? |
| E. Indicate the alternate language(s) in which public notice is required: Spanish |

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 4)

| 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: | | | |
| Terri | tory: | | | |
| Coun | ntry: | | | |
| Forei | gn Postal Code: | | | |
| C. | Physical Location: | | | |
| | | | | |
| | | | | |
| | | | | |
| D. | Contact Name Prefix: (Mr. Mrs. Mrs. Dr.) | | | |
| Cont | act Full Name: | | | |
| E. | Telephone No.: | | | |
| X. | | | | |
| A. | Area Name: Energy/Steam Generating Facility | | | |
| B. | Physical Address: 201 Formosa Drive | | | |
| City: | Point Comfort | | | |
| State | : Texas | | | |
| ZIP (| Code: 77978 | | | |
| C. | Physical Location: Plant located NE of INTX of FM 1593 and HWY 35 | | | |
| | | | | |
| | | | | |
| | | | | |
| D. | Nearest City: Point Comfort | | | |
| E. | State: Texas | | | |
| F. | ZIP Code: 77978 | | | |

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 5)

| X. | Application Area Information (continued) | | | | |
|-------|---|--|--|--|--|
| G. | Latitude (nearest second): | | | | |
| H. | Longitude (nearest second): | | | | |
| 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? | | | | |
| J. | Indicate the estimated number of emission units in the application area: 9 | | | | |
| K. | Are there any emission units in the application area subject to the Acid Rain Program? | | | | |
| 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: Calhoun County Public Library | | | | |
| B. | Physical Address: 200 W Mahan | | | | |
| City | : Port Lavaca | | | | |
| ZIP | Code: 77979 | | | | |
| C. | • Contact Person (Someone who will answer questions from the public during the public notice period): | | | | |
| Cont | Contact Name Prefix: (Mr. Mrs. Ms. Dr.): | | | | |
| Cont | tact Person Full Name: LeAnn Usoff | | | | |
| Cont | Contact Mailing Address: 201 Formosa Drive | | | | |
| City | : Point Comfort | | | | |
| State | e: Texas | | | | |
| ZIP | Code: 77978 | | | | |
| Terri | itory: | | | | |
| Cou | ntry: USA | | | | |
| Fore | Foreign Postal Code: | | | | |
| Inter | Internal Mail Code: | | | | |
| Tele | phone No.: (361) 978-7463 | | | | |

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 6)

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

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

| Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA. | | | | |
|---|--|--|--|--|
| XIV. Alternate Designated Representative (ADR) Identifying Information | | | | |
| ADR Name Prefix: (Mr. Mrs. Ms. Dr.) | | | | |
| ADR Full Name: | | | | |
| ADR Title: | | | | |
| Employer Name: | | | | |
| Mailing Address: | | | | |
| City: | | | | |
| State: | | | | |
| ZIP Code: | | | | |
| Territory: | | | | |
| Country: | | | | |
| Foreign Postal Code: | | | | |
| Internal Mail Code: | | | | |
| Telephone No.: | | | | |
| Fax No.: | | | | |
| Email: | | | | |

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

| Date: 06/14/2024 | |
|--|------------|
| Permit No.: O3421 | |
| Regulated Entity No.: RN100218973 | |
| Company Name: Formosa Plastics Corporation, Texas | |
| 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 Pollutan | ts (Complete this section if the | he permit revision is due t | o 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].) | | | | | | |
| ⊠ vo | OC NOx | SO ₂ | ≥ PM ₁₀ | ⊠ co | ☐ Pb | ⊠ HAP |
| Other: | Other: GHGs | | | | | |
| IV. | V. Reference Only Requirements (For reference only) | | | | | |
| Has th | Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? | | | | | |
| V. | Delinquent Fees and Pe | enalties | | | | |
| | 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: 06/14/2024 | | |
| Permit No.: O3421 | | |
| egulated Entity No.: RN100218973 | | |
| Company Name: Formosa Plastics Corporation, Texas | | |

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

| | | | Unit/Group | Process | | |
|--------------|----------------------|----------|------------|-----------------|----------------------|---|
| Revision No. | Revision Code | New Unit | ID No. | Applicable Form | NSR Authorization | Description of Change and Provisional Terms and Conditions |
| 1 | MS-B | NO | CT | OP-UA15 | | Add periodic monitoring for cooling towers (Unit ID: CT). |
| | | | | | | |
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Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

| Date: 06/14/2024 | Regulated Entity No.: RN100218973 | | Permit No.: O3421 | |
|---------------------|-----------------------------------|--------|--|--|
| Company Name: Formo | sa Plastics Corporation, Texas | Area N | lame: Energy/Steam Generating Facility | |

- 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

| Α. | Compliance Plan — Future Activity Committal Statement | | | | | |
|---------|--|-----------------|--|--|--|--|
| As that | he Responsible Official commits, utilizing reasonable effort, to the following: s the responsible official it is my intent that all emission units shall continue to be in compliance with all pplicable requirements they are currently in compliance with, and all emission units shall be in compliance y 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 apprequirements and their corresponding emission units when assessing compliance status For General Operating Permits (GOPs), the application documentation, particularly Formshould be consulted as well as the requirements contained in the appropriate General Formshould TAC Chapter 122. | s. m OP-REQ1 | | | | |
| | Compliance should be assessed based, at a minimum, on the required monitoring, test keeping, and/or reporting requirements, as appropriate, associated with the applicable question. | | | | | |

Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 3)

Federal Operating Permit Program

Table 1c: CAM/PM Case-By-Case Additions

| l. | Identifying Information | | | | | | |
|-------|--|------------------|-------------------|--|--|--|--|
| Acco | unt No.: CB0038Q | RN No.: RN1002 | 218973 | CN: CN600130017 | | | |
| Perm | nit No: O3421 | | Project No.: TBA | | | | |
| Area | rea Name: Energy/Steam Generating Facility | | | | | | |
| Com | pany Name: Formosa Plastics Co | rporation, Texas | | | | | |
| II. | Unit/Emission Point/Group/Pro | cess Information | n | | | | |
| Revi | sion No.: 1 | | | | | | |
| Unit/ | EPN/Group/Process ID No.: CT | | | | | | |
| Appli | cable Form: OP-UA15 | | | | | | |
| III. | Applicable Regulatory Require | ment | | | | | |
| Nam | e: Chapter 111 | | | | | | |
| SOP | /GOP Index No.: R1111-2 | | | | | | |
| Pollu | tant: PM | | | | | | |
| Main | Standard: §111.111(a)(1)(C) | | | | | | |
| Moni | toring Type: PM | | | | | | |
| Unit | Size: | | | | | | |
| | ation Limit: Opacity shall not exce rate greater than or equal to 100,0 | | d over a six-minu | ute period for any source having a total | | | |
| IV. | Control Device Information | | | | | | |
| Cont | rol Device ID No.: | | | | | | |
| Devi | се Туре: | | | | | | |
| ٧. | CAM Case-by-case | | | | | | |
| Indic | ator: | | | | | | |
| Minir | num Frequency: | | | | | | |
| Aver | aging Period: | | | | | | |
| QA/C | QC Procedures: | | | | | | |
| Verif | ication Procedures: | | | | | | |
| Repr | esentative Date: | | | | | | |
| VI. | Periodic Monitoring Case-by-c | ase | | | | | |
| Indic | ator: Visible Emissions | | Minimum Frequency | uency: Annual | | | |
| Aver | veraging Period: n/a | | | | | | |

I. Identifying Information

Periodic Monitoring Text:

Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.

If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.

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 |
|------------|---------------|-------------------------|
| 06/14/2024 | O3421 | RN100218973 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------|------------------|---------|-------------------|
| СТ | 171880 | 106.262 | 03/07/2023 |
| | | | |
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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 |
|------------|---------------|-------------------------|
| 06/14/2024 | O3421 | RN100218973 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|---------|------------------|
| PLANTMSS | 106.263 | 11/01/2001 |
| EMERG-ENG | 106.511 | 09/04/2000 |
| FIRE-ENG1 | 106.511 | 09/04/2000 |
| FIRE-ENG2 | 106.511 | 09/04/2000 |
| | | |
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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 |
|------------|---------------|-------------------------|
| 06/14/2024 | O3421 | RN100218973 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|-------------|---------|---|--|
| СТ | 106.262 | 11/01/2003 | Maintain records on-site to demonstrate compliance with emission limits, such as monthly flowrate. |
| PLANTMSS | 106.263 | 11/01/2001 | Record information related to maintenance, start-up, and shutdown activities |
| EMERG-ENG | 106.511 | 09/04/2000 | Keep records of monthly engine run time |
| FIRE-ENG1 | 106.511 | 09/04/2000 | Keep records of monthly engine run time |
| FIRE-ENG2 | 106.511 | 09/04/2000 | Keep records of monthly engine run time |
| | | | |
| | | | |
| | | | |

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. |
|------------|------------|----------------------|
| 06/14/2024 | O3421 | RN100218973 |

| 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 |
|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|---|---|
| 1 | CT | OP-UA15 | Cooling Tower | | 106.262/09/04/2000[171880] | |
| | | | | | | |
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APPENDIX B AREA WIDE APPLICABLE REQUIREMENTS FORM

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | Form OP-REQ1: Page 1 | | | | | | |
|----------|---|----|--|------|-------------|--|--|
| I. | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter | | | | | | |
| | A. | | | | | | |
| • | | 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 | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| For | Form OP-REQ1: Page 2 | | | | | | | |
|----------|----------------------|---|---------|---|--------------|-------------|--|--|
| I. | | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) | | | | | | |
| | B. | Mat | terials | Handling, Construction, Roads, Streets, Alleys, and Parking Lots | | | | |
| | | 1. | Iten | ns a - d determines applicability of any of these requirements based on geogra | phical loc | ation. | | |
| • | | | 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 | | |
| | | | | pere is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.6 Questions I.B.1.a-d are "NO," go to Section I.C. | a - d. If al | l responses | | |
| | | 2. | Iten | ns 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. | Em | issions | s Limits on Nonagricultural Processes | | | | |
| ♦ | | 1. | | application area includes a nonagricultural process subject to 30 TAC 11.151. | ⊠YES | □NO | | |
| | | 2. | subj | application area includes a vent from a nonagricultural process that is ject to additional monitoring requirements. The response to Question I.C.2 is "NO," go to Question I.C.4. | □YES | ⊠NO | | |
| | | 3. | | vents from nonagricultural process in the application area are subject to itional monitoring requirements. | □YES | □NO | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | Form OP-REQ1: Page 3 | | | | | | |
|----------|----------------------|---|--|------|-----|--|--|
| I. | | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) | | | | | |
| | C. | Emi | | | | | |
| | | 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. | Emi | ssions Limits on Agricultural Processes | | | | |
| | | 1. | The application area includes agricultural processes subject to 30 TAC § 111.171. | □YES | ⊠NO | | |
| | E. | Outo | door 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 | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | n OP- | REQ1 | : Page 4 | | | |
|----------|---|------|---|--------|-----|--|
| I. | Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) | | | | | |
| | E. Outdoor Burning (continued) | | | | | |
| * | | 5. | Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. | □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 T | AC 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 T | AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds | | | |
| | A. | App | licability | | | |
| * | | 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 | ⊠YES □ |]NO | |
| | | | "NO," go to Section IV. | | | |
| | B. | Stor | age 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 | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | Form OP-REQ1: Page 5 | | | | | | |
|----------|----------------------|--|---|------|-------------|--|--|
| III. | Title | le 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | | | | | |
| | C. | Indu | | | | | |
| | | 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. | Load | ling 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 | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | Form OP-REQ1: Page 6 | | | | | |
|----------|----------------------|-------|--|-----------|-----|--|
| III. | Title | 30 T | AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds | (continue | d) | |
| | D. | Load | | | | |
| * | | 3. | Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | YES | □NO | |
| | E. | Filli | ng of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Fac | ilities | | |
| * | | 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 covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. If the response to Question III.E.7 is "YES," go to Section III.F. | □YES | □NO | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Form OP-REQ1: Page 7 | | | | | | |
|----------------------|---|---|---|---|--|--|
| Title | 30 TA | 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | | | | |
| E. | Fillir | ng of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Fac | ilities (co | ntinued) | | |
| | 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. | 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 | | |
| | Title E. | F. Conto 511, | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Face 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. 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. 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. 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. 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. F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP app 511, 512, 513 and 514 only) 1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is | Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continue E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (co 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. 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. 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. 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. 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. F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications 511, 512, 513 and 514 only) 1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is | | |

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| III. | Title | 20 T | AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds | (continue | d) | |
| | 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. | Con | trol of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing | g Facilitie | es | |
| * | | 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 Question 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 TA | AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds | (continue | d) |
| | Н. | Cont | trol 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. | YES | □NO ⊠N/A |
| | | | If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I. | | |
| * | | 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. | Proc | ess Unit Turnaround and Vacuum-Producing Systems in Petroleum Refinerie | s | |
| | | 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 | tle 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. | Dega | ssing 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 TA | AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds | (continue | d) |
| | L. | Dega | ssing 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 \geq 0.5 psia that have sustained damage as specified in 30 TAC \S 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. | YES | □NO 図N/A | | |
| | | | 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. | | | | |
| | | 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. | ☐YES | □NO | | |
| | | | If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O. | | | | |
| | | 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 | | |
| | 0. | Cooli | ing 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 図N/A | | |

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|----------|---|-----------|---|------|-----|--|
| IV. | Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds | | | | | |
| | A. | icability | | | | |
| * | | 1. | The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. | ☐YES | ⊠NO | |
| | | | 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. | | | |
| | | 2. | The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. | □YES | ⊠NO | |
| | | | If the response to Question IV.A.2 is "YES," go to Question IV.H.1. | | | |
| | | 3. | The application area includes a utility electric generator in an east or central Texas county. | ☐YES | ⊠NO | |
| | | | 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. | | | |
| | B. | Utilit | y Electric Generation in Ozone Nonattainment Areas | | | |
| | | 1. | The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. | YES | □NO | |
| | | | If the response to Question IV.B.1 is "NO," go to Question IV.C.1. | | | |
| | | 2. | The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | ☐YES | □NO | |

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|----------|-----------------------|--|--|-----------|-------------|--|
| IV. | Title | e 30 T. | AC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continu | ied) | | |
| | 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. | YES | □NO | |
| | | | 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. | | | |
| * | | 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. | Adij | oic Acid Manufacturing | | | |
| | | 1. | The application area is located at, or part of, an adipic acid production unit. | □YES | □NO □N/A | |
| | E. | Nitr | ic 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. | | nbustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Prionary Engines and Gas Turbines | rocess He | aters, | |
| • | | 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). | □YES | □NO | |
| | | | 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. | | | |
| • | | 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. | | nbustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Pr ionary Engines and Gas Turbines (continued) | ocess Heaters, | | |
| • | | 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? | | 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 projection incorporates an ACSS below. | ect(s) that | | |
| | G. | Util | ity 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. | Mul | ti-Region Combustion Control - Water Heaters, Small Boilers, and Process He | aters | | |
| | | 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 | | | | |
| | Α. | Subpart B - National Volatile Organic Compound Emission Standards for Automobile Re 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 | |
| | В. | B. Subpart C - National Volatile Organic Compound Emission Standards for Consum- | | ner Produ | icts | |
| | | 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. | 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. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i> | □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. | Subp | oart 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. | Subp | oart F - Control of Evaporative Emissions From New and In-Use Portable Fuel | l Contain | ers | |
| | | 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 Cc | de of Federal Regulations Part 60 - New Source Performance Standards | | | |
| | A. | 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 | Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued) | | | |
| | B. | Subp | S | | |
| | | 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. | Subp | oart GG - Standards of Performance for Stationary Gas Turbines (GOP applic | cants only | 7) |
| • | | 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.D. | □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.D. | □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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| Forn | ı OP-l | REQ1: | Page 19 | | |
|----------|--------|---|---|------------|------------------------|
| VI. | Title | 40 Cc | ode of Federal Regulations Part 60 - New Source Performance Standards (cont | inued) | |
| | C. | - | oart GG - Standards of Performance for Stationary Gas Turbines (GOP applicational) | cants only |) |
| * | | 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. | Subp | oart 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: Sul Emissions | | lfur Diox | ide (SO ₂) |
| • | | 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 "NO" 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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| Forn | n OP- | REQ1 | : Page 20 | | |
|----------|--|--------------------------|--|-----------|-------------------------|
| VI. | I. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continue | | | tinued) | |
| | E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulf Emissions (continued) | | | | ride (SO ₂) |
| • | | 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 operating limits in the space provided below. | federally | enforceable |
| | F. | Subj | part OOO - Standards of Performance for Nonmetallic Mineral Processing Pla | nts | |
| | | 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. | Sub _j Syst | part QQQ - Standards of Performance for VOC Emissions from Petroleum Reems | finery W | astewater |
| | | 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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| Forn | Form OP-REQ1: Page 21 | | | | |
|----------|-----------------------|---|--|---------|-------------|
| VI. | Title | 40 Ca | ode of Federal Regulations Part 60 - New Source Performance Standards (cont | tinued) | |
| | G. | Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refi Systems (continued) | | | astewater |
| | | 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 |
| | Н. | Cons | oart AAAA - Standards of Performance for Small Municipal Waste Incineration truction Commenced After August 30, 1999 or for Which Modification or Recomenced 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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| Forn | Form OP-REQ1: Page 22 | | | | | |
|----------|-----------------------|--|--|---------|-------------|--|
| VI. | Title | 40 Cc | ode of Federal Regulations Part 60 - New Source Performance Standards (cont | tinued) | | |
| | Н. | 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. | Units | oart CCCC - Standards of Performance for Commercial and Industrial Solid Versions of Solid Version Commenced After November 30, 1999 or for Which construction 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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| Forn | Form OP-REQ1: Page 23 | | | |
|----------|---|--|----------|--|
| VI. | I. 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. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i> | □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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| Forn | Form OP-REQ1: Page 24 | | | | | |
|----------|-----------------------|--|---|------|-------------|--|
| VI. | Title | 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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| Form | Form OP-REQ1: Page 25 | | | | | | | |
|----------|-----------------------|------|--|------------|-------------|--|--|--|
| VI. | Title | 40 C | ode of Federal Regulations Part 60 - New Source Performance Standards (NSP | S) (contir | nued) | | | |
| | J. | Cons | 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. | | oart OOOO - Standards of Performance for Crude Oil and Natural Gas Produsmission and Distribution | ction, | | | | |
| * | | 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 C | ode of Federal Regulations Part 61 - National Emission Standards for Hazardo | us Air Po | llutants | | | |
| | A. | App | licability | | | | | |
| * | | 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. | Subj | oart 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. | | oart J - National Emission Standard for Benzene Emissions for Equipment Leassion Sources) of Benzene (Complete this section for GOP applications only) | ıks (Fugit | ive | | | |
| * | | 1. | The application area includes equipment in benzene service. | YES | □NO □N/A | | | |

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|------|-----------------------|---|---|--------------------|--|
| VII. | | 40 Co | ode of Federal Regulations Part 61 - National Emission Standards for Hazardo) | ous Air Pollutants | |
| | D. | Subp Plan | duct Recovery | | |
| | | 1. | □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. | | | | |
| | | Appl | | | |
| | | 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 | |
| | | Road | lway Construction | | |
| | | 2. | The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material. | □YES □NO | |
| | | Man | ufacturing 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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| Form | Form OP-REQ1: Page 27 | | | | | | |
|------|---|------|---------------------|---|------|-----|--|
| VII. | Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | | | | | | |
| | E. | Subp | art M | - National Emission Standard for Asbestos (continued) | | | |
| | | Man | ufactu | ring 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 | |
| | | Asbe | stos S _l | pray Application | | | |
| | | 4. | are sp | application area includes operations in which asbestos-containing materials bray applied. 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. 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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| Form | Form OP-REQ1: Page 28 | | | | | |
|------|---|-------|--------------------|---|------|-----|
| 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) | | | | | |
| | | Asbes | tos S _I | pray 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 |
| | | Fabri | cating | g Commercial Asbestos | | |
| | | | | application area includes a fabricating operation using commercial asbestos. 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. | | 40 Co | ode of Federal Regulations Part 61 - National Emission Standards for Hazardod) | us Air Po | llutants | | |
| | E. | Subj | part M - National Emission Standard for Asbestos (continued) | | | | |
| | | Fabi | ricating 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. | □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 an 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. | Subp (cont | ansfer Operations | | | | |
| | | 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 | | | |
| | Н. | Subp | oart FF - National Emission Standard for Benzene Waste Operations | | | | |
| | | Appl | icability | | | | |
| | | 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) | | | | | |
| | Н. | Subpart FF - National Emission Standard for Benzene Waste Operations (continued) | | | | |
| | | Appli | icability (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 | |
| | | Wast | e 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. | | tle 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants ontinued) | | | |
| | Н. | Subp | oart FF - National Emission Standard for Benzene Waste Operations (continue | ed) | |
| | | Cont | ainer 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 □NC |) |
| | | 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 □NC |) |
| | | 17. | Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | □YES □NC |) |
| | | Indiv | vidual 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 □NC |) |
| | | 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 □NC |) |
| | | 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 □NC |) |
| | | 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 □NC |) |

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| VII. | II. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | | | | |
| | н. | Subp | oart FF - National Emission Standard for Benzene Waste Operations (continue | ed) | |
| | | Indiv | vidual 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. | | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories | ous Air Pollutants | |
| | A. | Appl | icability | | |
| • | | 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 | |
| | В. | | oart F - National Emission Standards for Organic Hazardous Air Pollutants francic Chemical Manufacturing Industry | om the Synthetic | |
| | | 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) | | | | |
| В. | Subp Orga | om the Sy | nthetic | | |
| | 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 <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i> | □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 | | | |
| | Appl | icability | | |
| | 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 |
| | Vapa | or 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 carseal 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 | Org | 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) | | | | |
| | Rel | oading 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 | | |
| | Tra | ensfer Racks | | | | |
| | 11. | The application area includes Group 1 transfer racks that load organic HAPs. | □YES | □NO | | |
| | Pro | cess 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. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | | |
| | C. | 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) | | | | |
| | | Proc | ess 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. | C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants fr Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Tra and Wastewater (continued) | | | |
| | Proc | ess 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. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i> | ☐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. | 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) | | | • |
| | Drain | ns | | |
| | 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. | 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) | | | |
| | | Drai | ns (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. | O. 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. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | E. | Subp | art 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. | Subp | art 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. | | art R - National Emission Standards for Gasoline Distribution Facilities (Bulkinals and Pipeline Breakout Stations) | k Gasolin | e |
| | | 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. | G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk 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. | | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued) | ous Air Po | ollutants | |
| | Н. | 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. | □YES | ⊠NO | |
| | | | If the response to Question VIII.H.1 is "NO," go to Section VIII.I. | | | |
| | | 2. | The application area uses processes and materials specified in 40 CFR \S 63.440(a)(1) - (3). | ☐YES | □NO | |
| | | | If the response to Question VIII.H.2 is "NO," go to Section VIII.I. | | | |
| | | 3. | The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. | □YES | □NO | |
| | | | If the response to Question VIII.H.3 is "NO," go to Section VIII.I. | | | |
| | | 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 \S 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. | | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued) | ous Air Po | ollutants | |
| | I. | Subp | oart 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. | _ | oart U - National Emission Standards for Hazardous Air Pollutant Emissions: Resins | Group 1 | Polymers | |
| | | 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. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | J. | _ | part U - National Emission Standards for Hazardous Air Pollutant Emissions: Resins (continued) | Group 1 | Polymers |
| | | 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. | 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) | | | | |
| | | Cont | ainers | | | |
| | | 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 | |
| | | Drain | ns | | | |
| | | 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. | 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) | | | | |
| | | Drain | ns (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 | | | | roduction | |
| | | 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. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | L. | Subj Sme | part X - National Emission Standards for Hazardous Air Pollutants from Second ting | ndary Lea | ıd |
| | | 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. | Subj | oart Y - National Emission Standards for Marine Tank Vessel Loading Operat | ions | |
| | | 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. | Subj | oart CC - National Emission Standards for Hazardous Air Pollutants from Pet | roleum R | efineries |
| | | Appl | licability | | |
| | | 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. | N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued) | | | | |
| | Appli | icability (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 Section VIII.O. | □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. | 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) | | | |
| | | Appl | icability (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 Section VIII.O. | 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 |
| | 0. | Subp | oart DD - National Emission Standards for Off-site Waste and Recovery Opera | ations | |
| | | 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. | | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued) | ous Air Pollutants | |
| | 0. | Subp | art DD - National Emission Standards for Off-site Waste and Recovery Opera | ations (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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| Form C | Form OP-REQ1: Page 52 | | | | |
|--------|---|--|------|-----|--|
| | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| C | O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operation | | | | |
| | 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. | III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | P. | Subp | oart GG - National Emission Standards for Aerospace Manufacturing and Rev | vork Faci | lities |
| | | 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. | _ | oart HH - National Emission Standards for Hazardous Air Pollutants From Oi luction Facilities. | l and Nat | tural Gas |
| * | | 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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| VIII. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | | |
| | Q. | | oart - HH - National Emission Standards for Hazardous Air Pollutants From Cuction Facilities (continued) | Oil and Na | atural Gas | |
| * | | 5. | The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. 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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| Form O. | P-REQ1 | : Page 55 | | | | | |
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| | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo e Categories (continued) | ous Air Po | ollutants | | | |
| R. | . Subj | Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface | | | | | |
| | 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. | . Subj | part JJ - National Emission Standards for Wood Furniture Manufacturing Op | erations | | | | |
| | 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. | . Subj | part KK - National Emission Standards for the Printing and Publishing Indust | ry | | | | |
| | 1. | The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | □YES | ⊠NO □N/A | | | |
| U. | . Subj | part 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. | III. 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. | Subp | oart 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. | - | oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards | ce Catego | ries - | |
| | | 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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| VIII. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | | |
| | W. | | oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued) | ce Catego | ries - | |
| | | 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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For SOP applications, answer ALL questions unless otherwise directed.

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

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|------|---|-----------------------|---|------|--------|--|
| | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | | |
| 1 | W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories Generic Maximum Achievable Control Technology Standards (continued) | | | | ries - | |
| | | 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). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i> | □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. | /III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | | |
| | W. | W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source 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. | 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. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | W. | _ | oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued) | ce Categor | ies - |
| | | 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. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | |
| | W. | ce Categories - | | |
| | | 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 | 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. | _ | oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued) | ce Categories - |
| | | 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 Polymers and Resins | | | s: Group IV |
| | | 1. | The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. 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. | X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Polymers and Resins (continued) | | | IV |
| | 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 | |
| | Ca | ontainers | | |
| | 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 | |
| | Dı | ains | | |
| | 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 an 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. | /III. 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 Polymers and Resins (continued) | | | : Group | IV |
| | | Drain | ns (continued) | | |
| | | 19. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i> | □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. | | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued) | ous Air Po | ollutants |
| | Y. | | Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petr 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. | _ | oart AAAA - National Emission Standards for Hazardous Air Pollutants for M te (MSW) Landfills. | [unicipal | Solid |
| * | | 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. | | oart FFFF - National Emission Standards for Hazardous Air Pollutants for Mi nnic Chemical Production and Processes (MON) | scellaneo | us |
| | | 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 | AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Mis 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.18. | □YES □NO | |
| | 6. | The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | □YES □NO | |
| | 7. | The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | □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.AA.8 is "YES," go to Section VIII.AA.22. | □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.AA.9 is "NO," go to Question VIII.AA.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.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18. | □YES □NO | |

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| | 7III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| AA. | AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Misc Organic Chemical Production and Processes (MON) (continued) | | | us | |
| | 13. | 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.13 is "NO," go to Question VIII.AA.15. | YES | □NO | |
| | 14. | The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | □YES | □NO | |
| | 15. | Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17. | □YES | □NO | |
| | 16. | The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | YES | □NO | |
| | 17. | The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | YES | □NO | |
| | 18. | The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | □YES | □NO | |
| | 19. | The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22. | □YES | □NO | |
| | 20. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | □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.

| Form | ı OP-l | REQ1: | Page 71 | | |
|-------|---|-------|--|------------|----------|
| VIII. | | | ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued) | ous Air Po | llutants |
| | AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | | | | |
| | | 21. | The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | ☐YES | □NO |
| | | 22. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB. | □YES | □NO |
| | | 23. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB. | □YES | □NO |
| | | 24. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | ☐YES | □NO |
| | | 25. | The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | ☐YES | □NO |
| | | 26. | The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | □YES | □NO |

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|-------|---|------|---|-----------|------------|
| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | ollutants |
| | AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | | | | |
| | BB. | _ | part GGGG - National Emission Standards for Hazardous Air Pollutants for: S Vegetable Oil Production. | Solvent E | xtractions |
| | | 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. | Subj | part GGGGG - National Emission Standards for Hazardous Air Pollutants: Si | te Remed | iation |
| | | 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 remediation's 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. | 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.4 is "YES," go to Section VIII.DD. | □YES | □NO |
| | | 5. | The site remediation will be completed within 30 consecutive calendar days. | □YES | □NO |
| | | 6. | No site remediation will exceed 30 consecutive calendar days. If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD. | □YES | □NO |
| | | 7. | Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | □YES | □NO |
| | | 8. | All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD. | □YES | □NO |

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|-------|--|-----|---|---------------|--|
| VIII. | I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued) | | | | |
| | | 9. | The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14. | □YES □NO | |
| | | 10. | The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b). | □YES □NO | |
| | | 11. | The application area includes containers with a capacity greater than 0.46 m³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii). | □YES □NO | |
| | | 12. | The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b). | □YES □NO | |
| | | 13. | The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b). | □YES □NO | |
| | | 14. | The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962. | □YES □NO | |
| | DD. | - | part YYYYY - National Emission Standards for Hazardous Air Pollutants for Arc Furnace Steelmaking Facilities | Area/Sources: | |
| | | 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 | |

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|-------|--|-----|--|------|-----|
| VIII. | III. 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 S 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 |
| | | 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. | VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | | | | |
| | EE. | _ | oart BBBBBB - National Emission Standards for Hazardous Air Pollutants for bline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continue | 9 • | |
| | | 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. | | oart CCCCCC - National Emission Standards for Hazardous Air Pollutants fo cline Dispensing Facilities | r Source Category: | |
| * | | 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. | Rece | ntly 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. SUBPARTS DDDDD, ZZZZ | | |

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|----------|-----------------------|---|---|-----------|-------------|--|
| IX. | Title | Γitle 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions | | | | |
| | A. | Appl | licability | | | |
| * | | 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 Ca | ode of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratosphe | eric Ozon | e | |
| | A. | Subp | part 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. | Subp | oart 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. | - | oart C - Ban on Nonessential Products Containing Class I Substances and Ban lucts Containing or Manufactured with Class II Substances | on Nones | sential | |
| * | | 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. | Subp | oart 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. | Subp | part 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. | | 40 Co | ode of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratosphol) | eric Ozon | e | |
| | 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. | Subp | oart 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. | Subp | oart 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. | Misc | ellane | eous | | | |
| | A. | Requ | uirements 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 | |

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| XI. | Misc | ellaneous (continued) | | | |
| | B. | Forn | | | |
| * | | 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, Sul Division designation for the State regulation(s) in the space provided below. | bchapter, | and |
| | C. | Emis | ssion 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. | Misc | ellane | ous (continued) | | | |
| | E. | Title | | | | |
| | | 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. | | FR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO _X (up 2 Trading Program | Ozone Sea | ison | |
| | | 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. | Misc | ellane | ous (continued) | | | |
| | G. | 40 Cl | | | | |
| | | 1. | The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. | ☐YES | ⊠NO | |
| | | | If the response to Question XI.G.1 is "NO," go to Question XI.G.6. | | | |
| | | 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 | |
| | Н. | Perm | nit 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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| XI. | Misc | ellane | ous (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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| XI. | Misc | ellane | ous (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 . | □YES | ⊠NO | |
| * | | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | □YES | ⊠NO | |
| * | | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | □YES | ⊠NO | |
| • | | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | □YES | ⊠NO | |
| | K. | Perio | odic Monitoring | | | |
| * | | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | □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 | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | Form OP-REQ1: Page 83 | | | | | |
|----------|-----------------------------|----|---|------------|-----|--|
| XI. | . Miscellaneous (continued) | | | | | |
| | L. | | | | | |
| • | | 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 sub implementation plan and schedule in the space below. | omitting a | CAM | |
| ♦ | | 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 | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Forn | Form OP-REQ1: Page 84 | | | | | | | |
|----------|--|---------------------------------|---|----------|-------------|--|--|--|
| XI. | Misc | iscellaneous (continued) | | | | | | |
| | L. | Com | | | | | | |
| * | | 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. | | | | □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 Co | mpliance | 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 | Sourc | e Review (NSR) Authorizations | | | | | |
| | A. | Waste Permits with Air Addendum | | | | | | |
| • | | 1. | □YES | ⊠NO | | | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Form | Form OP-REQ1: Page 85 | | | | | | | | |
|----------|-----------------------|--|--|------|-----|--|--|--|--|
| XII. | New | 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. | □YES | ⊠NO | | | | |
| | | | 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. | | | | | | |
| * | | 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 | | | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Form | Form OP-REQ1: Page 86 | | | | | | | | |
|----------|-----------------------|--|---|------|-----|--|--|--|--|
| XII. | New | w Source Review (NSR) Authorizations (continued) | | | | | | | |
| | B. | Air (| 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. | Mult | tiple Plant Permits | | | | | | |
| | | 1. The application area includes at least one Multi-Plant Permit NSR authorization. ☐YES ☑NO | | | | | | | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| 11 | | | | | | |
|---|----------|-------------------------|----------|------------------------------|--|--|
| Form OP-REQ1: Page 87 | | | | | | |
| XII. NSR Authorizations (A | Attach a | dditional sheets if ne | cessary | for sections E-J) | | |
| E. PSD Permits an | d PSD N | Tajor Pollutants | | | | |
| PSD Permit No.: PSDTX1053 | | Issuance Date: 12/19/2 | 006 | Pollutant(s): VOC, CC | O, NO _X , PM ₁₀ , PM, SO ₂ , H ₂ SO ₄ | |
| PSD Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| PSD Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| PSD Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| If PSD Permits are held for th Technical Forms heading at: | | • | • | | | |
| F. Nonattainment (| (NA) Pe | rmits and NA Major | Pollutar | nts | | |
| NA Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| NA Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| NA Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| NA Permit No.: | | Issuance Date: | | Pollutant(s): | | |
| If NA Permits are held for the Technical Forms heading at: | | | | | | |
| G. NSR Authorizat | ions wit | h FCAA § 112(g) Req | uireme | nts | | |
| NSR Permit No.: | Issuanc | e Date: | NSR Pe | ermit No.: | Issuance Date: | |
| NSR Permit No.: | Issuanc | e Date: | NSR Pe | ermit No.: | Issuance Date: | |
| NSR Permit No.: | Issuanc | ce Date: NSR Pe | | ermit No.: | Issuance Date: | |
| NSR Permit No.: | Issuanc | ee Date: NSR Pe | | R Permit No.: Issuance Date: | | |
| ♦ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area | | | | | | |
| Authorization No.: 76044 | Issuanc | e Date: 02/04/2021 | Authori | zation No.: | Issuance Date: | |
| Authorization No.: | Issuanc | ce Date: Authori | | zation No.: | Issuance Date: | |
| Authorization No.: | Issuanc | e Date: | Authori | zation No.: | Issuance Date: | |
| Authorization No.: | Issuanc | e Date: | Authori | zation No.: | Issuance Date: | |

| Date: | 06/14/2024 |
|-------------|-------------|
| Permit No.: | O3421 |
| RN No.: | RN100218973 |

For SOP applications, answer ALL questions unless otherwise directed.

| Form OP-REQ1: Page 88 | | | | | | |
|--|--|--|--|--|--|--|
| XII. NSR Authorizations (Attach a | XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J) | | | | | |
| ♦ I. Permits by Rule (30 TAC | C 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.: 106.263 | Version No./Date: 11/01/2001 | | | | | |
| PBR No.: 106.511 | Version No./Date: 09/04/2000 | | | | | |
| PBR No.: 106.262 | Version No./Date: 11/01/2003 | | | | | |
| PBR No.: | Version No./Date: | | | | | |
| PBR No.: | Version No./Date: | | | | | |
| PBR No.: | Version No./Date: | | | | | |
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| PBR No.: | Version No./Date: | | | | | |
| PBR No.: | Version No./Date: | | | | | |
| PBR No.: | Version No./Date: | | | | | |
| ♦ J. Municipal Solid Waste a | nd Industrial Hazardous Waste Permits With an Air Addendum | | | | | |
| Permit No.: | Issuance Date: | | | | | |
| Permit No.: | Issuance Date: | | | | | |
| Permit No.: | Issuance Date: | | | | | |
| Permit No.: | Issuance Date: | | | | | |

APPENDIX C UNIT ATTRIBUTE FORM

Boiler/Steam Generator/Steam Generating Unit Attributes Form OP-UA6 (Page 37)

Federal Operating Permit Program

Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart DDDDD: Industrial, Commercial, and Institutional Boilers Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 06/14/2024 | 03421 | RN100218973 |

| Unit ID No. | SOP/GOP Index No. | Commence | Table Applicability | HCl Emission | HCI-CMS |
|-------------|-------------------|----------|---------------------|--------------|---------|
| GRP-CFB | 63DDDDD | EXIST | T3.1TS | | |
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes Form OP-UA15 (Page 1)

Federal Operating Permit Program

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

Subchapter A: Visible Emissions Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. | |
|------------|------------|----------------------|--|
| 06/14/2024 | O3421 | RN100218973 | |

| Emission Point ID No. | SOP/GOP Index No. | Alternate Opacity Limitation | AOL ID No. | Vent Source | Opacity Monitoring System | Construction Date | Effluent Flow Rate |
|--------------------------|----------------------|---------------------------------|------------|-------------|------------------------------|-------------------|--------------------|
| СТ | R1111-2 | NO | | OTHER | NONE | 72+ | 100+ |
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From: Johnny Bowers

Sent: Monday, June 24, 2024 7:52 AM

To: Carolyn Thomas

Subject: FW: STEERS Title V Application Submittal (New Application)

Follow Up Flag: Follow up Flag Status: Flagged

Please process this renewal. Thanks!

----Original Message-----

From: steers@tceq.texas.gov < steers@tceq.texas.gov >

Sent: Friday, June 21, 2024 8:38 AM

To: RFCAIR14 <rfcair14@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>

Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by KEN MOUNGER. The submittal was received at 06/21/2024 08:37 AM.

The Reference number for this submittal is 652178

The confirmation number for this submittal is 547048.

The Area ID for this submittal is 3421.

The Project ID for this submittal is 36772.

The hash code for this submittal is E0D1BEF0C3133E5A7E5DCA0010CF00C676666DDC9CD6E96EE533FA9CA48C995A.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 1, 2024

THE HONORABLE LOIS KOLKHORST TEXAS SENATE PO BOX 12068 AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application

Project Number: 36772 Permit Number: 03421

Formosa Plastics Corporation, Texas Energy/steam Generating Facility Point Comfort, Calhoun County

Regulated Entity Number: RN100218973 Customer Reference Number: CN600130017

Dear Senator Kolkhorst:

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=-96.547222,28.688888&level=13.

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

The Honorable Lois Kolkhorst Page 2 July 1, 2024

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

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 1, 2024

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

Re: Accepted Federal Operating Permit Renewal Application

Project Number: 36772 Permit Number: 03421

Formosa Plastics Corporation, Texas Energy/steam Generating Facility Point Comfort, Calhoun County

Regulated Entity Number: RN100218973 Customer Reference Number: CN600130017

Dear Representative Lozano:

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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: Carolyn Thomas

Sent: Monday, July 1, 2024 7:27 AM **To:** 'tlasater@ftpc.fpcusa.com'

Subject: FW: Formosa Plastics Corporation Texas Title V Permit 3421, Project 36772

From: Carolyn Thomas

Sent: Monday, July 1, 2024 7:26 AM

To: tammy1@fdde.fpcusa.com; mikerivet@ftpc.fpcusa.com **Cc:** LeAnn M. Usoff/FTEHSF < LeAnnU@ftpc.fpcusa.com>

Subject: Formosa Plastics Corporation Texas Title V Permit 3421, Project 36772

We have received your application for the facility mentioned above, and it is currently under review. The application is not yet administratively complete, as the following item is required:

I am unable to certify the renewal application at this time. Please send form OPDEL designating Mike Rivet as a Duly Authorized Representative, and ensure that the effective and signature date is on or after 6/21/2024.

From: eNotice TCEQ

Sent: Monday, July 1, 2024 7:25 AM

To: Lois.Kolkhorst@senate.texas.gov; JM.lozano@house.texas.gov

Subject: TCEQ Notice - Permit Number O3421 **Attachments:** TCEQ Notice - O3421_36772.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.

From: Tammy Lasater / FPC Environmental <tlasater@ftpc.fpcusa.com>

Sent: Monday, July 1, 2024 8:11 AM

To: Carolyn Thomas

Cc: Tammy Lasater / FPC Environmental; LeAnn M. Usoff/FTEHSF; Mike Rivet/FPC TX

Assistant Vice President/Site Manager

Subject: RE: Formosa Plastics Corporation Texas Title V Permit 3421, Project 36772

Attachments: DAR Paperwork for Mike Rivet.pdf

Good morning, Carolyn. Will the attached satisfy your needs? Please advise.

Best Regards, Tammy

From: Carolyn Thomas < Carolyn. Thomas@tceq.texas.gov>

Sent: Monday, July 1, 2024 8:27 AM

To: Tammy Lasater / FPC Environmental <tlasater@ftpc.fpcusa.com>

Subject: FW: Formosa Plastics Corporation Texas Title V Permit 3421, Project 36772

CAUTION: This email originated from an External Source. Do not click links or open attachments unless you recognize the sender and know the content is safe.

IT/Management Cente

From: Carolyn Thomas

Sent: Monday, July 1, 2024 7:26 AM

To: tammy1@fdde.fpcusa.com; mikerivet@ftpc.fpcusa.com
Cc: LeAnn M. Usoff/FTEHSF < LeAnnU@ftpc.fpcusa.com>

Subject: Formosa Plastics Corporation Texas Title V Permit 3421, Project 36772

We have received your application for the facility mentioned above, and it is currently under review. The application is not yet administratively complete, as the following item is required:

I am unable to certify the renewal application at this time. Please send form OPDEL designating Mike Rivet as a Duly Authorized Representative, and ensure that the effective and signature date is on or after 6/21/2024.

This communication is solely for use by the intended recipient and may contain information that is privileged, confidential or copyrighted under applicable law. If you are not the intended recipient, you are hereby formally notified that any use, copying or distribution of this communication, in whole or in part, is strictly prohibited. Unless explicitly stated, this communication does not constitute a contract offer, a contract amendment, or an acceptance of a contract offer. This communication also does not constitute consent to the use of sender's contact information for direct marketing purposes or for transfers of data to third parties.