

## Carolyn Thomas

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**From:** eNotice TCEQ  
**Sent:** Friday, September 5, 2025 12:31 PM  
**To:** joan.huffman@senate.texas.gov; jeff.barry@house.texas.gov  
**Subject:** TCEQ Notice - Permit Number O1361  
**Attachments:** TCEQ Notice - O1361\_38904.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](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. Rhyan Stone with the Air Permits Division at (512) 239-1293.

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

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 5, 2025

THE HONORABLE JOAN HUFFMAN  
TEXAS SENATE  
PO BOX 12068  
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 38904  
Permit Number: O1361  
Shintech Incorporated  
Shintech Freeport Plant  
Freeport, Brazoria County  
Regulated Entity Number: RN100213198  
Customer Reference Number: CN600128425

Dear Senator Huffman:

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=-95.357222,28.995555&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 Joan Huffman  
Page 2  
September 5, 2025

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,

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

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

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 5, 2025

THE HONORABLE JEFFREY BARRY  
TEXAS HOUSE OF REPRESENTATIVES  
PO BOX 2910  
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application  
Project Number: 38904  
Permit Number: O1361  
Shintech Incorporated  
Shintech Freeport Plant  
Freeport, Brazoria County  
Regulated Entity Number: RN100213198  
Customer Reference Number: CN600128425

Dear Representative Barry:

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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,

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

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

**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
08/27/2025	O51	RN102336906

Unit ID No.	Registration No.	PBR No.	Registration Date

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

Date	Permit Number	Regulated Entity Number
08/27/2025	O51	RN102336906

Unit ID No.	PBR No.	Version No./Date
WELDING	106.227	09/04/2000
REPR-MAINT	106.263	11/01/2001
HA-NGHV3	106.263	11/01/2001
HA-NGHV4	106.263	11/01/2001
HA-NGHV5	106.263	11/01/2001
HA-NGIV3	106.263	11/01/2001
HA-NGIV4	106.263	11/01/2001
HA-NGIV5	106.263	11/01/2001
MACHINES	106.265	09/04/2000
REFRIG	106.373	09/04/2000
ABRASIVE	106.452	09/04/2000
DEGREASE	106.454	11/01/2001

**Permit By Rule Supplemental Table (Page 2, continued)**  
**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
08/27/2025	O51	RN102336906

Unit ID No.	PBR No.	Version No./Date
HA-DAYTK3	106.472	09/04/2000
HA-DAYTK3V	106.472	09/04/2000
HA-EGDST3	106.472	09/04/2000
HA-EGDST5	106.472	09/04/2000
HA-FOT1	106.472	09/04/2000
HA-FOT2	106.472	09/04/2000
HA-TLO3	106.472	09/04/2000
HA-TLO4	106.472	09/04/2000
HA-TLO5	106.472	09/04/2000
HA-TLRES3	106.472	09/04/2000
HA-TLRES4	106.472	09/04/2000
HA-TLRES5	106.472	09/04/2000
HA-WASTOIL	106.472	09/04/2000
HA-ZONE	106.472	09/04/2000

TCEQ-20875 (APDG6535v1, revised 05/22) OP-PBRSUP  
This form for use by facilities subject to air quality permit requirements and  
may be revised periodically (Title V IMS Release 05/20)

**Permit By Rule Supplemental Table (Page 2, continued)**  
**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
08/27/2025	O51	RN102336906

Unit ID No.	PBR No.	Version No./Date
TANKS-PRES	106.476	09/04/2000
HA-ED3	106.511	09/04/2000
HA-ED5	106.511	09/04/2000
HA-OILTRP1	106.532	09/04/2000
WW-TREAT	106.532	09/04/2000

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

Date	Permit Number	Regulated Entity Number
08/27/2025	O51	RN102336906

PBR No.	Version No./Date
106.122	09/04/2000
106.372	09/04/2000
106.471	09/04/2000

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

Date	Permit Number	Regulated Entity Number
08/27/2025	O51	RN102336906

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
WELDING	106.227	09/04/2000	Annually confirm welding rods do not contain lead
REPR-MAINT	106.263	11/01/2001	Upon occurrence of maintenance events, maintain records as identified in § 106.263(g)
HA-NGHV3	106.263	11/01/2001	Upon occurrence of MSS events, maintain records as identified in § 106.263(g)
HA-NGHV4	106.263	11/01/2001	Upon occurrence of MSS events, maintain records as identified in § 106.263(g)
HA-NGHV5	106.263	11/01/2001	Upon occurrence of MSS events, maintain records as identified in § 106.263(g)
HA-NGIV3	106.263	11/01/2001	Upon occurrence of MSS events, maintain records as identified in § 106.263(g)
HA-NGIV4	106.263	11/01/2001	Upon occurrence of MSS events, maintain records as identified in § 106.263(g)
HA-NGIV5	106.263	11/01/2001	Upon occurrence of MSS events, maintain records as identified in § 106.263(g)
MACHINES	106.265	09/04/2000	Activity is exempt from recordkeeping requirements per §106.8(b)
REFRIG	106.373	09/04/2000	Annually confirm refrigerants used
ABRASIVE	106.452	09/04/2000	Activity is exempt from recordkeeping requirements per §106.8(b)
DEGREASE	106.454	11/01/2001	Annually record solvent makeup



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

Date	Permit Number	Regulated Entity Number
08/27/2025	O51	RN102336906

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
HA-DAYTK3	106.472	09/04/2000	Annually confirm material stored
HA-DAYTK3V	106.472	09/04/2000	Annually confirm material stored
HA-EGDST3	106.472	09/04/2000	Annually confirm material stored
HA-EGDST5	106.472	09/04/2000	Annually confirm material stored
HA-FOT1	106.472	09/04/2000	Annually confirm material stored
HA-FOT2	106.472	09/04/2000	Annually confirm material stored
HA-TLO3	106.472	09/04/2000	Annually confirm material stored
HA-TLO4	106.472	09/04/2000	Annually confirm material stored
HA-TLO5	106.472	09/04/2000	Annually confirm material stored
HA-TLRES3	106.472	09/04/2000	Annually confirm material stored
HA-TLRES4	106.472	09/04/2000	Annually confirm material stored
HA-TLRES5	106.472	09/04/2000	Annually confirm material stored
HA-WASTOIL	106.472	09/04/2000	Annually confirm material stored
HA-ZONE	106.472	09/04/2000	Annually confirm material stored

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

Date	Permit Number	Regulated Entity Number
08/27/2025	O51	RN102336906

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TANKS-PRES	106.476	09/04/2000	Activity is exempt from recordkeeping requirements per §106.8(b)
HA-ED3	106.511	09/04/2000	Monthly record operating hours
HA-ED5	106.511	09/04/2000	Monthly record operating hours
HA-OILTRP1	106.532	09/04/2000	Activity is exempt from recordkeeping requirements per §106.8(b)
WW-TREAT	106.532	09/04/2000	Activity is exempt from recordkeeping requirements per §106.8(b)

**FINAL REPORT**

**Application for Renewal and Minor Revision of a  
Federal Operating Permit**

**Shintech Incorporated, Freeport, TX  
Site Operating Permit (SOP) Permit No. 01361**

Prepared for:



Shintech Incorporated  
5618 E. Highway 332  
Freeport, Texas 77541

Prepared by:



INTERA Incorporated  
9600 Great Hills Trail, Suite 300W  
Austin, Texas 78759

**AUGUST 2025**

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## Acronyms and Abbreviations

°F	Degrees Fahrenheit
30 TAC	Chapter 30 of the Texas Administrative Code
40 CFR	Title 40 of the Code of Federal Regulations
CO	Carbon Monoxide
HAPs	Hazardous Air Pollutants
HGB	Houston-Galveston-Brazoria
hr	Hour
MSS	Maintenance, Startup, and Shutdown
NAAQS	National Ambient Air Quality Standards
NSR	New Source Review
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards
PBR	Permit by Rule
PM	Particulate Matter
PM <sub>1.0</sub>	PM with diameter less than 10 microns
PM <sub>2.5</sub>	PM with diameter less than 2.5 microns
ppm	parts per million
PTE	Potential to Emit
PSD	Prevention of Significant Deterioration
QA/QC	Quality Assurance / Quality Control
SO <sub>2</sub>	Sulfur Dioxide
SOP	Site Operating Permit
TCEQ	Texas Commission on Environmental Quality
TPY	Tons Per Year
VOCs	Volatile Organic Compounds

## 1.0 Introduction

Shintech Incorporated (Shintech), manufactures Polyvinyl Chloride (PVC) at its processing facility located at 5618 East Highway 332 Freeport, Texas 77541 within the city of Freeport, Brazoria County, and the Houston-Galveston-Brazoria (HGB) Non-Attainment Area as shown in **Figure 1**. In addition, the site is in an area designated as serious nonattainment under the 2015 eight-hour ozone National Ambient Air Quality Standard (NAAQS) and severe nonattainment under the 2008 eight-hour ozone NAAQS. The facility is currently operating under various permits including New Source Review (NSR) Permit No. 9347, Prevention of Significant Deterioration (PSD) permit Nos. PSDTX285M1, PSDTX285M2, PSDTX285M3, PSDTX285M4, and PSDTX285M5, Standard Permits Nos. 140372 and 163618, and several unregistered Permits By Rule (PBR). The facility is also considered a major source and therefore also operates under the Title V Site Operating Permit (SOP) No. O1361.

The site is comprised of three distinct plants (Plant 1, Plant 2, and Plant 3), each operating independently of each other. The locations of new sources or modified emission units within each of the three plants are illustrated in **Figure 12**. Summaries of the operations for each plant are depicted in process flow diagrams provided in **Figure 3**, **Figure 4**, and **Figure 5**.

Shintech is submitting this application to 1) apply to renew the SOP as required by August 30, 2025, in accordance with 30 TAC Chapter 122, and 2) submit a Minor Revision to incorporate changes authorized under various NSR amendments, Standard Permit issuance, and claimed PBRs.

Forms pertaining to modified or new sources have been included in this application package. Forms for existing sources that remain unchanged have been excluded from this application. This application package specifically proposes to update the site's SOP to incorporate the actions authorized by two NSR Permit 9341 amendments in 2021 and 2022, as detailed below. Note that Shintech also applied for an amendment to NSR permit 9347 in 2025 (project #391313); however, the TCEQ has not issued a revised permit for those NSR changes in 2025. This application does not include the anticipated changes as a result of those proposed permitting actions that were applied for in 2025 (pending agency review).

The changes that are being incorporated into this permit are described below:

### 2021 Amendment

1. Remove the Plant 1 Incinerator (EPN LV-5) from Permit No. 9347. SP Registration No. 140372, a Pollution Control Project (PCP) SP registration, authorized the replacement of incinerator LV-5 with incinerator UN-821. Incinerator LV-5 is no longer in service.
2. Increase hourly emissions for EPN TK510 due to a correction in the air flow rate.
3. Update the calculation methodology for the PVC dryers (EPNs DR401D, DR401E, DR401F, DR401G, DR-2401A, DR-2401B, DR-2401C, DR3401A, DR3401B, and DR3401C). Product collection systems for the PVC dryers at the Shintech Freeport Plant are composed of double cyclone systems and dryer blowers. One dryer blower is associated with each PVC dryer. Shintech determined the collection efficiency for the collection systems by material balance. The revised calculation methodology estimates emissions as the sum of emissions from the dryer cyclones and dryer blower.



4. Update emission calculations for fugitive sources (EPNs P1FUG, P2FUG, and P3FUG). Existing permitted emission rates include gas holder emissions, which are separately listed emission points in Permit No. 9347. To avoid double-counting emissions, the calculations have been revised to exclude those emissions from EPNs P1FUG, P2FUG, and P3FUG. Emissions from EPN HE3207, authorized by PBR Registration No. 138151, were added to EPN P3FUG.
5. Revise emissions for EPNs PL1BIO, PL2BIO, and PL3BIO to remove VCM emissions. Sampling has indicated VCM is not detectable, therefore it should be removed from this EPN.
6. Reduction in emissions from railcar washing EPNs RAILWASH1 and RAILWASH3 based on updated sampling information and more accurate flow readings. Sampling results confirmed that the VOC/HAP content of Recovered Deionized Water (RDW) is negligible with the maximum measured VOC concentrations well below 10,000 ppm, the threshold to meet the definition of a VOC wastewater stream as defined in 30 TAC 115.140(2). Additionally, 30 TAC 115.148(3) excludes VOC with a Henry's Law Constant less than  $7.5 \times 10^{-5}$  atm-m<sup>3</sup>/mole at 25 degrees Celsius. VOC emissions were reduced to <0.01 lb/hr accordingly.
7. Request modification of Special Condition 15 to remove the requirement for process wastewater drains to be fully enclosed and routed to the wastewater stripper. The maximum measured VOC concentrations are well below 10,000 ppm, the threshold to meet the definition of a VOC wastewater stream as defined in 30 TAC 115.140(2). Additionally, 30 TAC 115.148(3) excludes VOC with a Henry's Law Constant less than  $7.5 \times 10^{-5}$  atm-m<sup>3</sup>/mole at 25 degrees Celsius.
8. Revise emission rates for the Gas Holders (EPNs HL-301, HL-302, HL-2301, HL-3301, HL-3302) based on corrections to bell dimensions and operating data.
9. Increase the annual number of reactor openings from 240 to 720 for the sitewide reactor cap.
10. Increase the hourly and annual emission rate for EPN MSSSPHERE. Small emission increases are believed to be rounding differences or previous calculation error, as there are no changes to representations for this EPN.
11. Increase the hourly and annual emission rate for EPN MSSSOLV. Emission increases are believed to be due to a previous calculation error, as there are no changes to representations for this EPN.
12. Increase the hourly and annual emission rate for EPN MSSMISC due to a previous error in the sphere volume. The revised sphere volume results in a change to the emission rate for this EPN.
13. Revise the Special Condition 22 reactor opening limitation from "0 to 20 batches" to "1 to 20 batches".

#### 2023 Permit Amendment

1. Added six new VCM unloading stations identified as Emission Point Numbers (EPNs) UNLDGN, UNLDGP, UNLDGQ, UNLDGR, UNLDGS, and UNLDGT.
2. Revised the number of loading events for existing VCM unloading stations (EPNs UNLDGA, UNLDGB, UNLDGC, UNLDGD, UNLDGE, UNLDGF, UNLDGG, UNLDGH, UNLDGI, UNLDGK, UNLDGL, and UNLDGM) from 913 events per year (events/yr) to 1095 events/yr.
3. Added two new VCM storage spheres identified as EPNs TK2901E and TK2901F, and reduced concentration requirement for sphere degassing prior to opening from 10,000 ppmv to 3,000 ppmv (revision to Special Condition 33 Condition D)

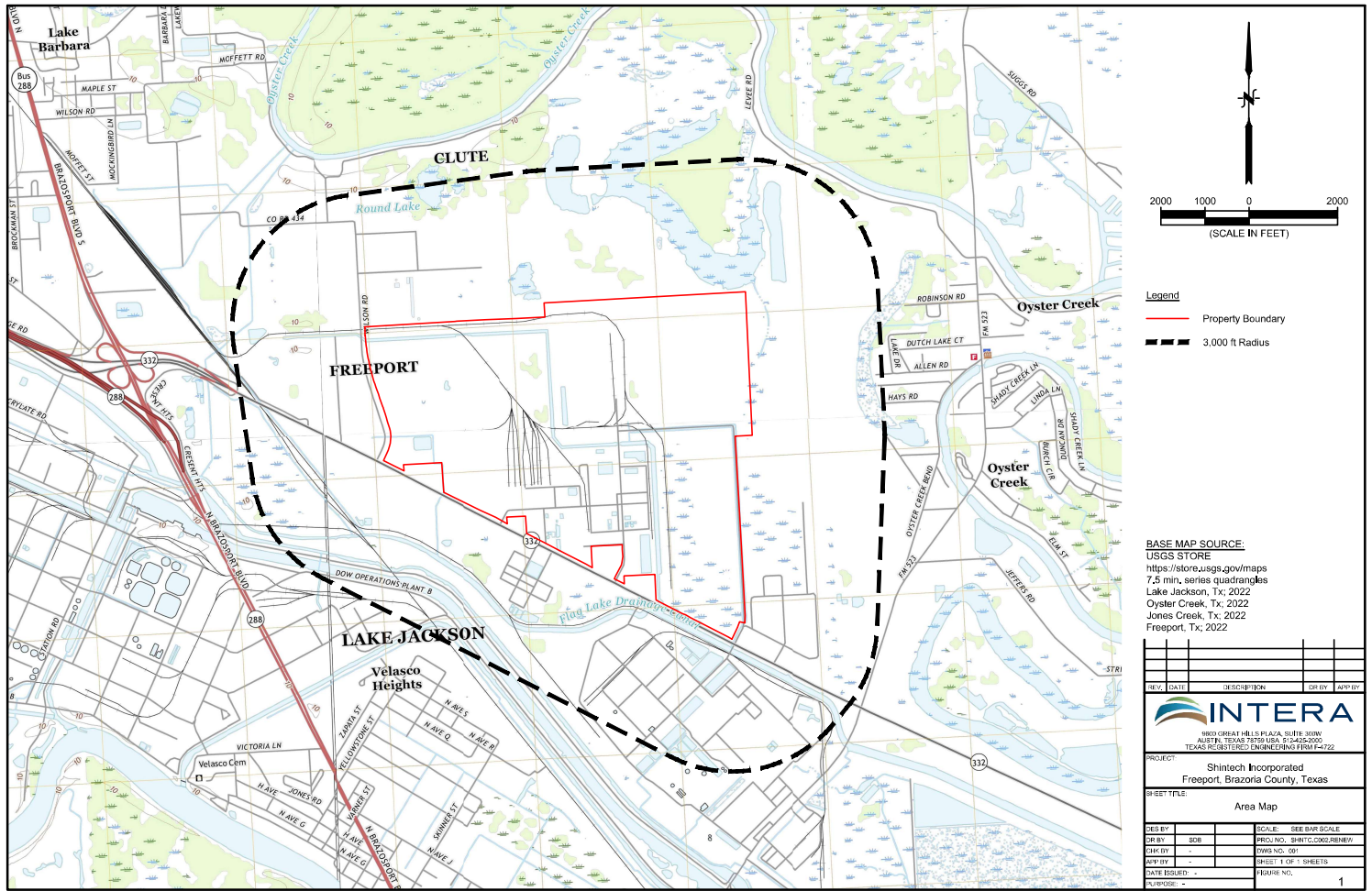




4. Added new fugitive components associated with the proposed VCM unloading stations and VCM storage spheres.



## 2.0 Area Map

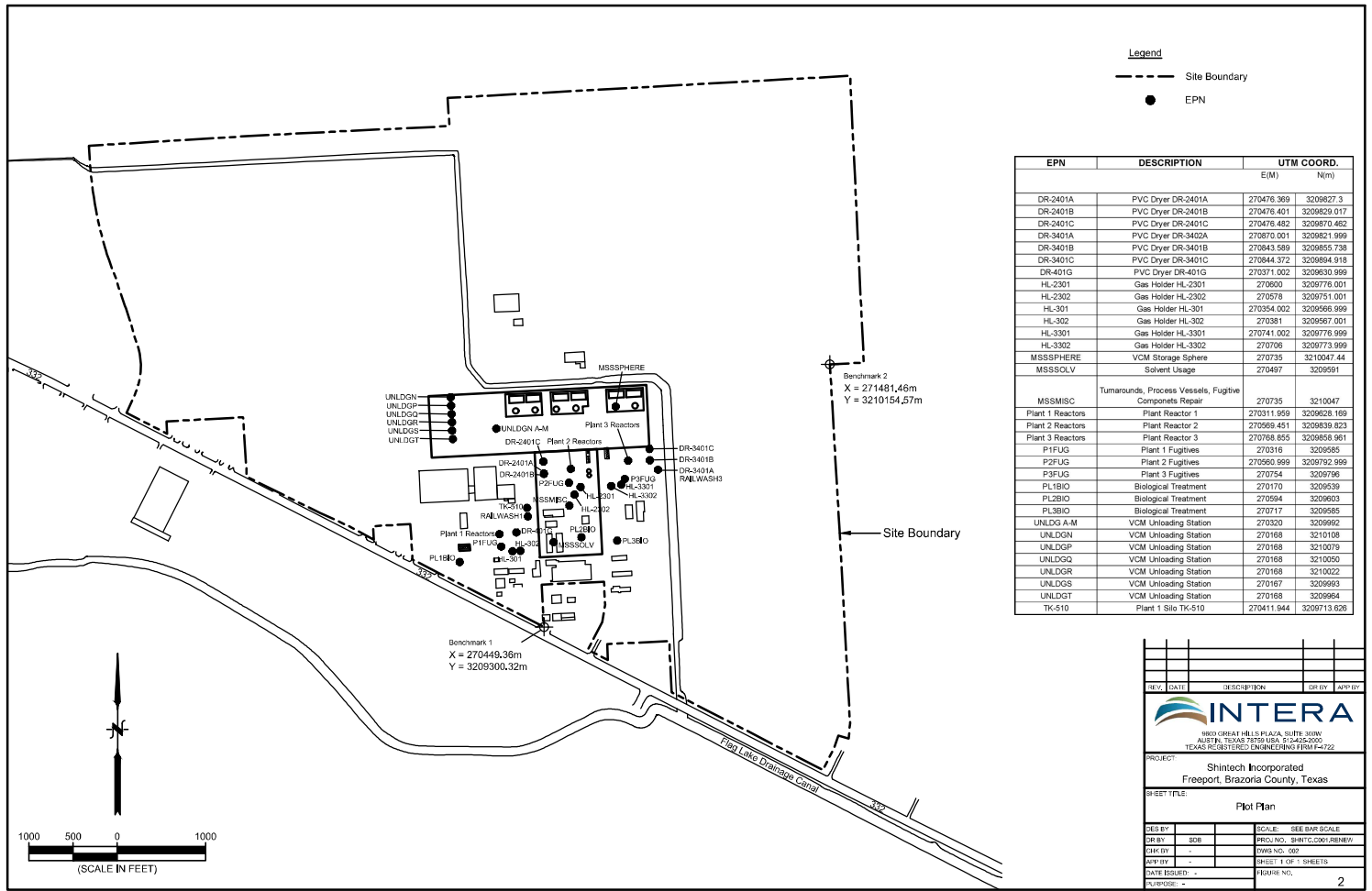


S:\AUS\SHNTC\2002\RENEW\CAD\SHNTC\2002\RENEW\_001 Fig 1 Area Map.dwg



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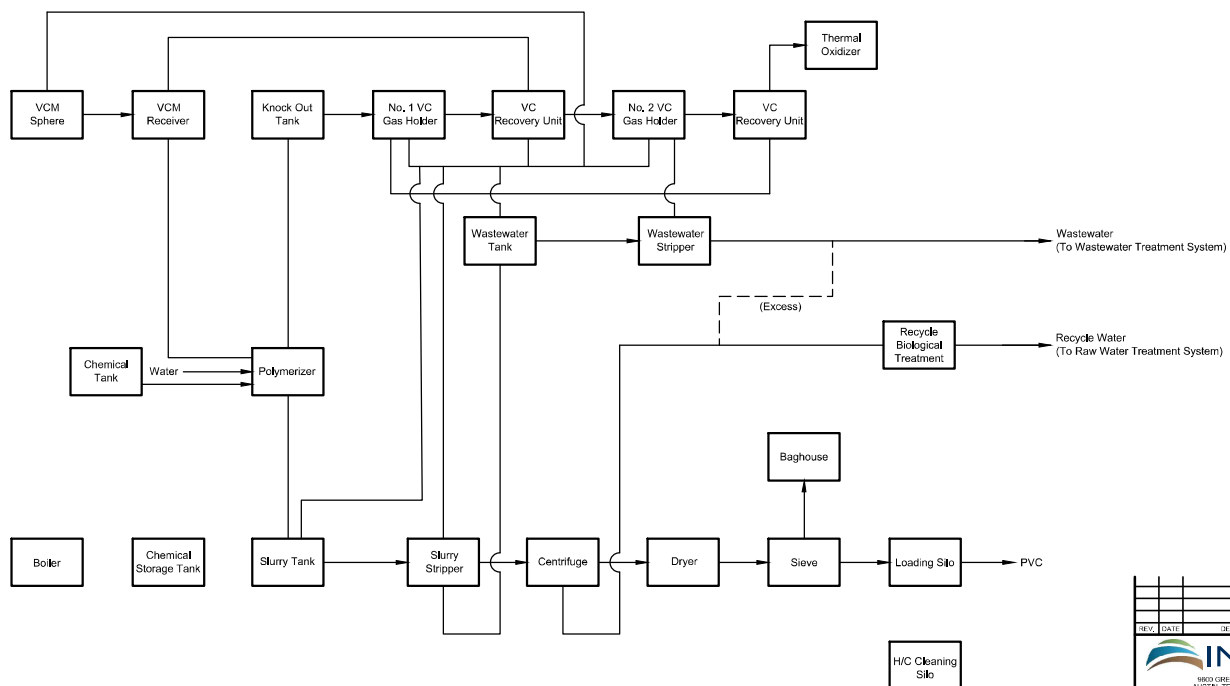
## 3.0 Plot Plan




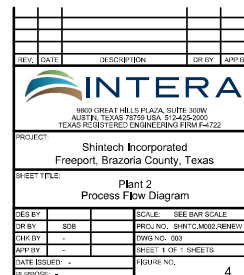
S:\AUS\SHNTCH\002\RENEW\CAD\SHNTCH\002\RENEW\_002.Fig 2 Plot Plan.dwg



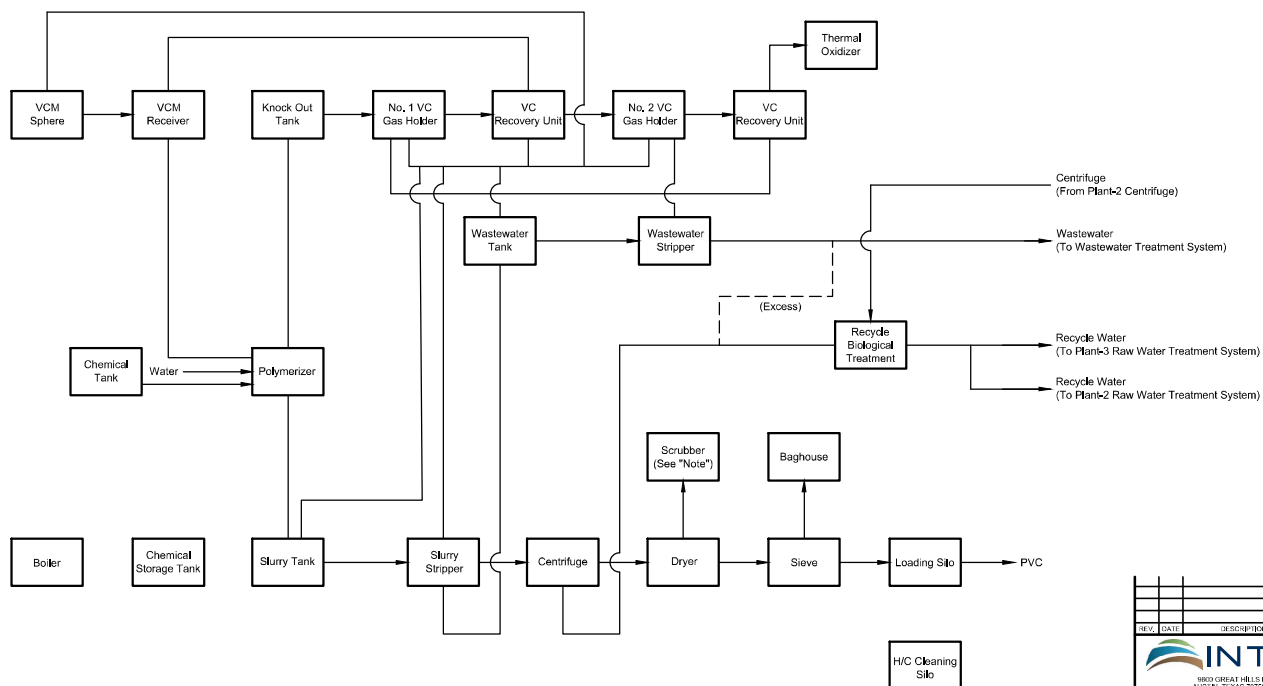
## 4.0 Process Flow Diagrams




REV.	DATE	DESCRIPTION	DESIGN	APP'D
 8800 GREAT HILLS PLAZA, SUITE 300W AUSTIN, TEXAS 78758 USA 512-442-2000 TEXAS REGISTERED ENGINEERING FIRM F-4722				
PROJECT: Shintech Incorporated Freeport, Brazoria County, Texas				
SHEET TITLE: Plant 1 Process Flow Diagram				
DESIGN BY	3DB	SCALE	SEE BAY SCALE	
CHECK BY	-	PROJ. NO.	SHNTC002/RENEW	
APP'D BY	-	DWG. NO.	004	
DATE ISSUED	-	SHEET 1 OF 1 SHEETS		
FIGURE NO.	-	FIGURE NO.	3	







Note:  
Scrubber is equipped on only DR-3410C.

REV.	DATE	DESCRIPTION	DR BY	APP BY
 8800 GREAT HILLS PLAZA, SUITE 300W AUSTIN, TEXAS 78758 USA 512-442-2000 TEXAS REGISTERED ENGINEERING FIRM F-4722				
PROJECT: Shintech Incorporated Freeport, Brazoria County, Texas				
SHEET TITLE: Plant 3 Process Flow Diagram				
DES BY		SCALE	SEE BWP SCALE	
CR BY	3DB	PROJ. NO.	SHNTC/NOO/RENEW	
CHK BY	-	DWG. NO.	005	
APP BY	-	SHEET 1 OF 1 SHEETS		
DATE ISSUED	-	FIGURE NO.		
PLANT NO.	-		5	

## 5.0 Process Description

The Shintech Freeport Plant consists of three independently operated processes (Plant 1, Plant 2, and Plant 3) that manufacture PVC resin. Each plant uses the suspension polymerization process to manufacture the PVC resin that includes the following major processing steps:

- Raw material receiving, storage, and preparation;
- Batch suspension polymerization process; and
- Separation and drying.

Vinyl Chloride Monomer (VCM) is the primary raw material or feedstock used to manufacture PVC. The plant receives VCM via pipeline and railcar. Other materials that are needed for the process include water, suspending agents, reaction inhibitors, organic peroxides, and organic solvents. These materials are received by trucks and stored in tanks located in warehouses or under covered areas. Ethanol and mineral spirits are used as solvents or anti-freeze agents for the chemicals used in the batch suspension polymerization process.

VCM is introduced to the PVC reactors from a charge tank. Polymerization of VCM, a closed reactor operation, occurs in water with reaction initiators, suspending agents, inhibitors, and organic solvents producing PVC in the form of a slurry. The PVC slurry is dewatered by centrifugation into PVC wet cake. The PVC wet cake is then dried with steam in a fluidized bed dryer, which generates PVC granules. The dried PVC granules are screened by sieves and then sent to storage silos for packaging and material handling. The bulk of the un-reacted VCM from the polymerizing process is removed by degassing to the gasholder and routed to the VCM recovery process. Recovered VCM gas is compressed, liquified, and purified for re-use. The non-condensable gas in the recovery units are sent to the incinerators.



## 6.0 Changes in Emission Units

In July 2021, an NSR permit amendment and renewal application was submitted to TCEQ to incorporate a standard permit and Permit by Rule (PBR) registrations, as well as to revise emissions calculations and representations for various Emission Point Numbers (EPNs) and special conditions.

In March 2023, a second NSR permit amendment application was submitted to TCEQ to permit the construction of six vinyl chloride unloading stations; two new vinyl chloride storage spheres; Maintenance, Startup, and Shutdown (MSS) emissions from vinyl chloride spheres; and fugitive components associated with the newly installed equipment.

In February 2025, a third NSR permit amendment application was submitted to TCEQ to authorize the replacement of two incinerators and remove fugitive emissions associated with VCM unloading and storage in Plant 2 and instead authorize them under a newly created EPN P2-900FUG. This permit amendment is currently being reviewed by TCEQ.

The corresponding NSR permit amendments, which were approved on September 23, 2022, and August 21, 2023, authorized these new sources and changes in emission rates and representations. A summary table including all approved NSR permit updates which must be included in the site's SOP as minor revisions is presented in **Table 1**.

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
DR401D	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVVOG	8.50		9.5	
	VCM	5.10		1.41	
DR401E	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVVOG	8.50		9.5	
	VCM	5.10		1.41	
DR401F	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVVOG	8.50		9.5	
	VCM	5.10		1.41	
DR401G	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVVOG	8.50		9.5	
	VCM	5.10		1.41	
LV-5	CO	0.1		0	
	HCl	0.2		0	
	Cl2	0.02		0	
	NOx	2.10		0	
	VCM	0.10		0	
	PM	0.20		0	
	PM10	0.20		0	
	PM2.5	0.20		0	
	SO2	0.01		0	
	Dioxin/Furan (10)	<0.01		0	
	THC (10)	<0.01		0	
	VOC	0.03		0	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
TK116	VOC	0.34		0.11	
TK117	VOC	0.34		0.11	
TK124	VOC	1.84		1.03	
TK115	VOC	0.24		0.11	
TK123	VOC	0.85		1.03	
TK502A-D*; TK503A; TK503C; TK503D; TK503E; TK551A; TK551E *TK502A-D removed in 2021 NSR 9347 Permit Amendment (Project #331024)	PM	3.58		3.58	
	PM10	3.58		3.58	
	PM2.5	3.58		3.58	
	VCM	2.80		<0.01	
TK503B	PM	0.35		0.35	
	PM10	0.35		0.35	
	PM2.5	0.35		0.35	
	VCM	0.30		<0.01	
TK510	PM	0.18		0.19	
	PM10	0.18		0.19	
	PM2.5	0.18		0.19	
	VCM	0.01		<0.01	
TK561A	PM	0.19		0.19	
	PM10	0.19		0.19	
	PM2.5	0.19		0.19	
	VCM	0.60		<0.01	
TK561B	PM	0.19		0.19	
	PM10	0.19		0.19	
	PM2.5	0.19		0.19	
	VCM	0.60		<0.01	
TK561C	PM	0.25		0.25	
	PM10	0.25		0.25	
	PM2.5	0.25		0.25	
	VCM	0.60		<0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UN752A	CO	13.14		13.14	
	NOx	4.38		4.38	
	PM	0.61		0.61	
	PM10	0.61		0.61	
	PM2.5	0.61		0.61	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN752B	CO	13.14		13.14	
	NOx	4.38		4.38	
	PM	0.61		0.61	
	PM10	0.61		0.61	
	PM2.5	0.61		0.61	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN752D	CO	1.08		1.08	
	NOx	0.9		0.9	
	PM	0.5		0.5	
	PM10	0.5		0.5	
	PM2.5	0.5		0.5	
	SO2	0.85		0.85	
	VOC	0.32		0.32	
P1FUG	VCM	1.11		0.99	
	NVOC	0.58		0.52	
	Exempt Solvent	0.01		<0.01	
	Inorganic Salt Solution	0.15		Pollutant Removed	
PL1BIO (6)	VOC	1.08		1.08	
	VCM	0.15		Pollutant Removed	
CF-401D (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-401E (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-401F (6)	VOC	0.04		0.04	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
CF-401F (6)	Cl2	0.03		0.03	
CF-401G (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402D (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402E (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402F (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402G (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
TK-455D (6)* *EPN Name Changed to TK-455A in 2021 NSR 9347 Permit Amendment (Project #331024)	VOC	0.01		0.01	
	Cl2	0.01		0.01	
TK-455E (6)	VOC	0.01		0.01	
	Cl2	0.01		0.01	
TK-455F (6)	VOC	0.01		0.01	
	Cl2	0.01		0.01	
TK-455G (6)	Cl2	0.01		EPN Removed	
	VOC	0.01			
RAILWASH1	VOC	0.184	0.17	<0.01	<0.01
HL-301	VOC	0.15		0.16	
HL-302	VOC	0.09		0.1	
PIT-684 (6)	VOC	1.56		1.56	
CL-681 (6)	VOC	0.05		0.05	
PIT-690 (6)	VOC	0.01		0.01	
PIT-687 & 688 (6)	VOC	0.01		0.01	
PIT-689 (6)	VOC	0.01		0.01	
TK-418 (6)	VOC	0.31		0.31	
FL-407A/B/C (6)	VOC	0.10		0.1	
TK-419 (6)	VOC	0.02		0.02	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
TK-414 (6)	VOC	0.02		0.02	
TK-420 (6)	VOC	0.01		0.01	
PIT-451 (6)	VOC	0.02		0.02	
PIT-681 (6)	VOC	0.88		0.88	
PIT-682 (6)	VOC	0.01		0.01	
CL-661 (6)	VOC	0.01		0.01	
WASTEWTR1	VOC		5.59		5.59
	Cl2		1.16		1.16
DR2401A	PM	1.76		1.83	
	PM10	1.76		1.83	
	PM2.5	1.76		1.83	
	NVOC	8.50		8.5	
	VCM	6.80		1.26	
DR2401B	PM	1.76		1.83	
	PM10	1.76		1.83	
	PM2.5	1.76		1.83	
	NVOC	8.50		8.5	
	VCM	6.80		1.26	
DR2401C	PM	1.80		2.04	
	PM10	1.80		2.04	
	PM2.5	1.80		2.04	
	NVOC	10.00		10	
	VCM	8.00		1.48	
TK551B-D; TK553A; TK553B; TK2503A-I	PM				
		2.95		2.95	
	PM10	2.95		2.95	
	PM2.5	2.95		2.95	
	VCM	2.10		<0.01	
UNLDGA	VCM	0.02		0.02	0.01
UNLDGB	VCM	0.02		0.02	0.01
UNLDGC	VCM	0.02		0.02	0.01
UNLDGD	VCM	0.02		0.02	0.01



**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UNLDGE	VCM	0.02		0.02	0.01
UNLDGF	VCM	0.02		0.02	0.01
UNLDGG	VCM	0.02		0.02	0.01
UNLDGH	VCM	0.02		0.02	0.01
UNLDGJ	VCM	0.02		0.02	0.01
UNLDGK	VCM	0.02		0.02	0.01
UNLDGL	VCM	0.02		0.02	0.01
UNLDGM	VCM	0.02		0.02	0.01
UNLDGN	VCM	0		0.02	0.01
UNLDGP	VCM	0		0.02	0.01
UNLDGQ	VCM	0		0.02	0.01
UNLDGR	VCM	0		0.02	0.01
UNLDGS	VCM	0		0.02	0.01
UNLDGT	VCM	0		0.02	0.01
UN2701A	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	VOC	0.41		0.41	
	NOx	4.56		4.56	
	SO2	1.09		1.09	
	CO	8.36		8.36	
UN2701B	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	VOC	0.41		0.41	
	NOx	4.56		4.56	
	SO2	1.09		1.09	
	CO	8.36		8.36	
UN2701C	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	VOC	0.41		0.41	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	NOx	4.56		4.56	
	SO2	1.09		1.09	
UN2701C	CO	8.36		8.36	
UN2703A (10)	PM	0.20		0.20	
	PM10	0.20		0.20	
	PM2.5	0.20		0.20	
	NOx	2.1		2.1	
	SO2	0.01		0.01	
	CO	0.16		0.16	
	VCM	0.60		0.6	
	HCl	0.20		0.2	
	Cl2	0.02		0.02	
	Dioxin/Furan (10)	<0.01		<0.01	
	THC (10)	<0.01		0.08	
	VOC	0.03		0.03	
UN2703B (10)	PM	0.20		0.20	
	PM10	0.20		0.20	
	PM2.5	0.20		0.20	
	NOx	2.10		2.10	
	SO2	0.01		0.01	
	CO	0.16		0.16	
	VCM	0.60		0.60	
	HCl	0.20		0.20	
	Cl2	0.02		0.02	
	Dioxin/Furan (10)	<0.01		<0.01	
	THC (10)	<0.01		0.08	
	VOC	0.03		0.03	
P2FUG	VCM	1.81		3.12	13.64
	NVOC	0.25		0.43	1.86
	Exempt Solvent	0.17		0.29	1.27
	Inorganic Salt Solution	0.15		Pollutant Removed	
PL2BIO	NVOC	1.43		1.43	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	VCM	0.15		Pollutant Removed	
TK2115A	VOC	0.01		0.02	
TK2115B	VOC	0.01		0.01	
TK2131	VOC	7.86		EPN Removed	
TK2132	VOC	1.79		2.3	
TK2133	VOC	17.5		7.61	
CF-2401A (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2401B (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2401C (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2402A (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2402B (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2402C (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
TK-2455A (7)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
TK-2455B (7)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
TK-2455C (7)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
HL-2301	VOC	0.18		0.20	
HL-2302	VOC	0.12		0.14	
PIT-2687 (7)	VOC	0.53		0.53	
CL-2681 (7)	VOC	0.04		0.04	
PIT-2691 (7)	VOC	0.01		0.01	
PIT-2686 (7)	VOC	0.01		0.01	
PIT-2685 (7)	VOC	0.01		0.01	
TK-2691 (7)	VOC	0.01		0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
FL-2691A/B/C	VOC	0.39		0.39	
TK-2693 (7)	VOC	0.04		0.04	
TK-2651 (7)	VOC	0.03		0.03	
PIT-2690 (7)	VOC	0.03		0.03	
WASTEWTR2	VOC		3.81		3.81
	Cl2		0.87		0.87
DR3401A	NVOC	11.50		11.50	
	PM	2.05		2.63	
	PM10	2.05		2.63	
	PM2.5	2.05		2.63	
	VCM	6.90		1.70	
DR3401B	NVOC	11.50		11.5	
	PM	2.05		2.63	
	PM10	2.05		2.63	
	PM2.5	2.05		2.63	
	VCM	6.90		1.7	
DR3401C	NVOC	13.13		13.13	
	PM	2.40		2.66	
	PM10	2.40		2.66	
	PM2.5	2.40		2.66	
	VCM	7.88		1.94	
TK3503A-I	PM	1.44		1.44	
	PM10	1.44		1.44	
	PM2.5	1.44		1.44	
	VCM	0.90		<0.01	
UN3701A	CO	1.31		1.31	
UN3701A	NOx	1.10		1.1	
	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	SO2	1.04		1.04	
	VOC	0.39		0.39	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UN3701B	CO	1.10		1.10	
	NOx	4.63		4.63	
UN3701B	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN3701C	CO	1.10		1.10	
	NOx	4.63		4.63	
	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN3703A	Cl2	0.02		0.02	
	CO	0.41		0.41	
	HCl	0.05		0.05	
	NOx	1.03		1.03	
	VCM	0.06		0.06	
	SO2	0.01		0.01	
	PM	0.20		0.20	
	PM10	0.20		0.20	
	PM2.5	0.20		0.20	
	Dioxin/Furan (10)	<0.01		<0.01	
	THC (10)	<0.01		0.1	
	VOC	0.03		0.03	
UN3703B	Cl2	0.02		0.02	
	CO	0.41		0.41	
	HCl	0.05		0.05	
	NOx	1.03		1.03	
	VCM	0.06		0.06	
	SO2	0.01		0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UN3703B	PM	0.2		0.2	
	PM10	0.2		0.2	
	PM2.5	0.2		0.2	
	Dioxin/Furan (10)	0.01		<0.01	
	THC (10)	0.01		0.1	
	VOC	0.03		0.03	
TK3132	VOC	2.68		1.03	
TK3133	VOC	16.00		7.61	
TK3134	VOC	0.98		0.31	
TK3510	PM	0.18		0.18	
	PM10	0.18		0.18	
	PM2.5	0.18		0.18	
	VCM	0.01		<0.01	
P3FUG	VCM	1.42		1.19	
	NVOC	0.37		0.32	
	Exempt Solvent	0.24		0.2	
	Inorganic Salt Solution	0.16		Pollutant Removed	
PL3BIO (8)	VOC	1.54		1.54	
	VCM	0.10		Pollutant Removed	
CF-3401A (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3401B (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3401C (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3402A (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3402B (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3402C (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
TK3455A (8)	Cl2	0.01		0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	VOC	0.01		0.01	
TK3455B (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
TK3455C (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
CF-3455A (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
CF-3455B (8)	Cl2	0.01		0.01	
CF-3455B (8)	VOC	0.01		0.01	
CF-3455C (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
RAILWASH3	VOC	0.184	0.17	<0.01	<0.01
HL-3301	VOC	0.38		0.42	
HL-3302	VOC	0.11		0.12	
PIT-3681 (8)	VOC	1.63		1.63	
CL-3681 (8)	VOC	0.04		0.04	
PIT-3688 (8)	VOC	0.01		0.01	
PIT-3685&3686 (8)	VOC	0.01		0.01	
PIT-3687 (8)	VOC	0.05		0.05	
TK-3691 (8)	VOC	0.08		0.08	
FL-3691A/B (8)	VOC	0.03		0.03	
TK-3693 (8)	VOC	0.01		0.01	
TK-3651 (8)	VOC	0.01		0.01	
PIT-3691 (8)	VOC	0.02		0.02	
PIT-3693 (8)	VOC	0.59		0.59	
PIT-3694 (8)	VOC	0.01		0.01	
CL-3661 (8)	VOC	0.01		0.01	
PIT-3692 (8)	VOC	0.16		0.16	
CL-3682 (8)	VOC	0.04		0.04	
WASTEWTR3	VOC		5.52		5.52
	Cl2		0.87		0.87
TK107	VOC	0.20		<0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
TK108	VOC	0.20		<0.01	
TK109	VOC	0.44		0.28	
TK110	VOC	0.05		0.01	
TK111	VOC	0.05		0.01	
TK120	VOC	0.27		0.02	
TK121	VOC	0.62		0.01	
TK353	VOC	0.13		0.09	
TK2119	VOC	0.66		0.89	
TK2120	VOC	0.66		0.76	
TK2121	VOC	0.26		0.17	
TK2122	VOC	0.26		0.17	
TK2125	VOC	0.46		0.26	
TK2126	VOC	0.46		0.26	
TK2130	VOC	0.02		0.08	
TK3115	VOC	0.24		0.01	
TK3116	VOC	0.01		0.02	
TK3117	VOC	0.09		<0.01	
TK3118	VOC	0.01		0.01	
TK3119	VOC	0.64		0.39	
TK3120	VOC	0.64		0.39	
TK3121	VOC	0.57		0.37	
TK3122	VOC	0.57		0.37	
TK3124	VOC	0.72		0.46	
TK3125	VOC	0.72		0.46	
Total Site Emissions (all EPNs) for routine operations	CO		257.80		257.80
	Cl2		0.60		0.60
	HCl		2.20		2.20
	NOx		151.60		151.60
	SO2		40.90		40.90
	PM		140.60		140.60
	PM10		22.60		22.60
	PM2.5		22.60		22.60



**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	VCM		61.40		48.60
	VOC		138.40		123.87
Sitewide reactors	VCM	7.99		7.99	
MSSSPHERE	VCM	62.29	0.25	18.70	0.08
MSSSOLV	VOC	1.32	1.37	1.32	1.37
MSSSMISC	VCM	12.40	0.22	12.40	0.22



## 7.0 TCEQ Forms

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

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

<b>I. Company Identifying Information</b>
<b>A.</b> Company Name: Shintech Incorporated
<b>B.</b> Customer Reference Number (CN): CN 600128425
<b>C.</b> Submittal Date (mm/dd/yyyy):
<b>II. Site Information</b>
<b>A.</b> Site Name: Shintech Freeport Plant
<b>B.</b> Regulated Entity Reference Number (RN): RN 100213198
<b>C.</b> Indicate affected state(s) required to review permit application: <i>(Check the appropriate box(es).)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input type="checkbox"/> N/A
<b>D.</b> Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box(es).)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> SO <sub>2</sub> <input checked="" type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other:
<b>E.</b> Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>F.</b> Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>G.</b> Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>H.</b> Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
<b>III. Permit Type</b>
<b>A.</b> Type of Permit Requested: <i>(Select only one response )</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>		
<b>A.</b>	Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
<b>B.</b>	If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>C.</b>	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>D.</b>	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>E.</b>	Has the required Public Involvement Plan been included with this application?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>V. Confidential Information</b>		
<b>A.</b>	Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>VI. Responsible Official (RO) Identifying Information</b>		
RO Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
RO Full Name: Daniel Cedotal		
RO Title: Vice President of Manufacturing		
Employer Name: Shintech Incorporated		
Mailing Address: P.O. Box 358		
City: Addis		
State: LA		
ZIP Code: 70710		
Territory:		
Country: USA		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: (225) 685-1199, Ext. 4414		
Fax No.:		
Email: dcedotal@shin-tech.com		

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

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Chris Hall
Technical Contact Title: Environmental Manager
Employer Name: Shintech Incorporated
Mailing Address: 5618 HWY 332 East
City: Freeport
State: TX
ZIP Code: 77541
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (979) 705-4307
Fax No.:
Email: chall@shin-tech.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Joan Huffman, District 17
<b>B.</b> State Representative: Jeff Barry, District 29
<b>C.</b> Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</span>
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>
<b>E.</b> Indicate the alternate language(s) in which public notice is required: Spanish

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

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
<b>A.</b> Office/Facility Name:
<b>B.</b> Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
<b>C.</b> Physical Location:
<b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Shintech Freeport Plant
<b>B.</b> Physical Address: 5618 HWY 332 East
City: Freeport
State: TX
ZIP Code: 77541
<b>C.</b> Physical Location:
<b>D.</b> Nearest City:
<b>E.</b> State:
<b>F.</b> ZIP Code:

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

<b>X.</b>	<b>Application Area Information</b> <i>(continued)</i>	
<b>G.</b>	Latitude (nearest second): 28 degrees 59 minutes 44 seconds	
<b>H.</b>	Longitude (nearest second): 95 degrees 21 minutes 26 seconds	
<b>I.</b>	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>J.</b>	Indicate the estimated number of emission units in the application area:	
<b>K.</b>	Are there any emission units in the application area subject to the Acid Rain Program?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>L.</b>	Affected Source Plant Code (or ORIS/Facility Code):	
<b>XI.</b>	<b>Public Notice</b> <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>	
<b>A.</b>	Name of a public place to view application and draft permit: Freeport Library	
<b>B.</b>	Physical Address: 410 N. Brazosport Blvd	
	City: Freeport	
	ZIP Code: 77541	
<b>C.</b>	Contact Person (Someone who will answer questions from the public during the public notice period):	
	Contact Name Prefix: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.;	
	Contact Person Full Name: Chris Hall	
	Contact Mailing Address: 5618 HWY 332 East	
	City: Freeport	
	State: TX	
	ZIP Code: 77541	
	Territory:	
	Country: USA	
	Foreign Postal Code:	
	Internal Mail Code:	
	Telephone No.: (979) 705-4307	

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

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



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

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

PRINT FORM

RESET FORM

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

Date:8/21/2025
Permit No.: O1361
Regulated Entity No.: RN10023198
Company Name: Shintech Incorporated
For Submissions to EPA
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>I. Application Type</b>
Indicate the type of application:
<input checked="" type="checkbox"/> Renewal
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)
<input type="checkbox"/> Significant Revision
<input type="checkbox"/> Revision Requesting Prior Approval
<input type="checkbox"/> Administrative Revision
<input type="checkbox"/> Response to Reopening
<b>II. Qualification Statement</b>
For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

Indicate all pollutants for which the site is a major source based on the site's potential to emit:

(Check the appropriate box/es.)

☒ VOC      ☒ NO<sub>x</sub>      ☐ SO<sub>2</sub>      ☒ PM<sub>10</sub>      ☒ CO      ☐ Pb      ☒ HAP

Other:

**IV. Reference Only Requirements (For reference only)**

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

**V. Delinquent Fees and Penalties**

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

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

Date:8/21/2025
Permit No.: O1361
Regulated Entity No.: RN100213198
Company Name: Shintech Incorporated

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

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	No	LV-5		9347	Remove unit from Permit No. 9347
2	MS-C	No	TK502A		9347	Remove silo from Permit because this unit is no longer in service
3	MS-C	No	TK502B		9347	Remove silo from Permit because this unit is no longer in service
4	MS-C	No	TK502C		9347	Remove silo from Permit because this unit is no longer in service
5	MS-C	No	TK502D		9347	Remove silo from Permit because this unit is no longer in service
6	MS-C	No	DR401D		9347	Revised methodology for calculating emissions
7	MS-C	No	DR401E		9347	Revised methodology for calculating emissions
8	MS-C	No	DR401F		9347	Revised methodology for calculating emissions
9	MS-C	No	DR401G		9347	Revised methodology for calculating emissions
10	MS-C	No	DR2401A		9347	Revised methodology for calculating emissions
11	MS-C	No	DR2401B		9347	Revised methodology for calculating emissions
12	MS-C	No	DR2401C		9347	Revised methodology for calculating emissions
13	MS-C	No	DR3401A		9347	Revised methodology for calculating emissions
14	MS-C	No	DR3401B		9347	Revised methodology for calculating emissions
15	MS-C	No	DR3401C		9347	Revised methodology for calculating emissions
16	MS-C	No	P1FUG		9347	Revised emissions calculations
17	MS-C	No	P2FUG		9347	Revised emissions calculations. One action in 2021 removed gas holding emissions; a second pending action (Project 391313, submitted April 2025) removes VCM loading from P2FUG.

18	MS-C	No	P3FUG		9347	Revised emissions calculations
19	MS-C	No	PL1BIO		9347	Revised emissions calculations
20	MS-C	No	PL2BIO		9347	Revised emissions calculations
21	MS-C	No	PL3BIO		9347	Revised emissions calculations
22	MS-C	No	TK-455D		9347	Correct EPN name to TK-455A
23	MS-C	No	TK-455G		9347	Removal of unit from Permit
24	MS-C	No	RAILWASH1		9347	Revised emission rates
25	MS-C	No	RAILWASH3		9347	Revised emission rates
26	MS-C	No	HL-301		9347	Revised emission rates
27	MS-C	No	HL-302		9347	Revised emission rates
28	MS-C	No	HL-2301		9347	Revised emission rates
29	MS-C	No	HL-2302		9347	Revised emission rates
30	MS-C	No	HL-3301		9347	Revised emission rates
31	MS-C	No	HL-3302		9347	Revised emission rates
32	MS-C	No	CL-2681		9347	Correction of the source name
33	MS-C	No	PIT-2686		9347	Correction of the source name
34	MS-C	No	PIT-2685		9347	Correction of the source name
35	MS-C	No	MSSSPHERE		9347	Increases in the hourly and annual emissions rates
36	MS-C	No	MSSSOLV		9347	Increases in the hourly and annual emissions rates
37	MS-C	No	MSSSMISC		9347	Increases in the hourly and annual emissions rates
38	MS-C	Yes	UNLDGN	UA1	9347	Addition of a new unit
39	MS-C	Yes	UNLDGP	UA1	9347	Addition of a new unit
40	MS-C	Yes	UNLDGQ	UA1	9347	Addition of a new unit
41	MS-C	Yes	UNLDGR	UA1	9347	Addition of a new unit

42	MS-C	Yes	UNLDGS	UA1	9347	Addition of a new unit
43	MS-C	Yes	UNLDGT	UA1	9347	Addition of a new unit
44	MS-C	No	UNLDGA		9347	Revision of the number of loading events
45	MS-C	No	UNLDGB		9347	Revision of the number of loading events
46	MS-C	No	UNLDGC		9347	Revision of the number of loading events
47	MS-C	No	UNLDGD		9347	Revision of the number of loading events
48	MS-C	No	UNLDGE		9347	Revision of the number of loading events
49	MS-C	No	UNLDGF		9347	Revision of the number of loading events
50	MS-C	No	UNLDGG		9347	Revision of the number of loading events
51	MS-C	No	UNLDGH		9347	Revision of the number of loading events
52	MS-C	No	UNLDGJ		9347	Revision of the number of loading events
53	MS-C	No	UNLDGK		9347	Revision of the number of loading events
54	MS-C	No	UNLDGL		9347	Revision of the number of loading events
55	MS-C	No	UNLDGM		9347	Revision of the number of loading events
56	MS-C	Yes	TK2901E	UA1	9347	Addition of a new unit
57	MS-C	Yes	TK2901F	UA1	9347	Addition of a new unit

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

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



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

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

Pollutant	Description of the Change in Pollutant Emissions

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 1)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 2)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 3)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 4)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

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

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

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

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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>		
<b>D. Loading and Unloading of VOCs (continued)</b>		
◆	3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "No," go to Section III.F.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "No," go to Question III.E.9.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	7. At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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



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

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

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

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

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

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

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

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



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- ◆ For SOP applications, answer ALL questions unless otherwise directed.  
◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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



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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>		
<i>Applicability (continued)</i>		
3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for</b>		
<b>N.</b>	<b>Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<i>Applicability (continued)</i>		
9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Containers, Drains, and other Appurtenances</i>		
11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>O.</b>	<b>Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>	
14. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
22. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No



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



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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. All site remediation activities are complete, and the Administrator has been notified in writing. <i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>EE. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBB.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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



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<b>XI. Miscellaneous (continued)</b>		
<b>B. Forms</b>		
◆	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No," or "N/A," go to Section XI.C.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
40 CFR Part 61 Subpart F; 40 CFR Part 63 Subpart HHHHHH		
<b>C. Emission Limitation Certifications</b>		
◆	1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>		
1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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

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

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

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<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆ 4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> and is subject to 101.351(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 8.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>K. Periodic Monitoring</b>		
◆ 1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 2.	The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 86)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

Application Area-Wide Applicability Determinations and General Information  
Form OP-REQ1 (Page 87)  
Federal Operating Permit Program  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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



Application Area-Wide Applicability Determinations and General Information  
Form OP-REQ1 (Page 88)  
Federal Operating Permit Program  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- For SOP applications, answer ALL questions unless otherwise directed.  
 ♦ For GOP applications, answer ONLY these questions unless otherwise directed.

**XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)**

**E. PSD Permits and PSD Major Pollutants**

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX285M5	02/27/2018	PM, CO	PSDTX285M1	03/22/1989	
PSDTX285M4	07/22/1992		PSDTX671	12/13/1985	
PSDTX285M3	10/28/1991				
PSDTX285M2	03/02/1990				

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: [www.tceq.texas.gov/permitting/air/titleiv/site/site\\_experts.html](http://www.tceq.texas.gov/permitting/air/titleiv/site/site_experts.html).*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: [www.tceq.texas.gov/permitting/air/titleiv/site/site\\_experts.html](http://www.tceq.texas.gov/permitting/air/titleiv/site/site_experts.html).*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date

Application Area-Wide Applicability Determinations and General Information  
Form OP-REQ1 (Page 89)  
Federal Operating Permit Program  
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XILE-J.)

- ◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
9347	09/23/2023				
140372	06/23/2025				
163618	01/28/2021				

- ◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.227	09/04/2000	106.478	09/04/2000		
106.263	11/01/2001	106.511	3/14/1997		
106.264	09/04/2000				
106.371	09/04/2000				
106.393	09/04/2000				
106.452	09/04/2000				
106.454	11/01/2001				
106.472	09/04/2000				

- ◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

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

**Table 1a: Additions**

<b>Date:</b> 8/21/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Shintech Freeport Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
38	UNLDGN		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
39	UNLDGP		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
40	UNLDGQ		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
41	UNLDGR		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
42	UNLDGS		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
43	UNLDGT		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)

56	TK2901E		63HHHH HHH-7	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	[G]§ 63.11910(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11910(a)-Table 3 § 63.11910(b) § 63.11910(c) [G]§ 63.11910(c) § 63.11910(d) § 63.11955(b) § 63.11985 § 63.11990
57	TK2901F		63HHHH HHH-7	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	[G]§ 63.11910(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11910(a)-Table 3 § 63.11910(b) § 63.11910(c) [G]§ 63.11910(c) § 63.11910(d) § 63.11955(b) § 63.11985 § 63.11990

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

**Table 1b: Additions**

<b>Date:</b> 7/25/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Freeport, Texas	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
38	UNLDGN	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
39	UNLDGP	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
40	UNLDGQ	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
41	UNLDGR	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
42	UNLDGS	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
43	UNLDGT	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

56	TK2901E	63HHHHHHH-7	112(B) HAPS	§ 63.11905 § 63.11910(a)(3) § 63.11910(c)(3)	§ 63.11910(a)(4) § 63.11990(a) [G]§ 63.11990(b) [G]§ 63.11995	[G]§ 63.11895 § 63.11896(d) § 63.11910(c)(4) § 63.11985(a)(1) § 63.11985(b)(1)
57	TK2901F	63HHHHHHH-7	112(B) HAPS	§ 63.11905 § 63.11910(a)(3) § 63.11910(c)(3)	§ 63.11910(a)(4) § 63.11990(a) [G]§ 63.11990(b) [G]§ 63.11995	[G]§ 63.11895 § 63.11896(d) § 63.11910(c)(4) § 63.11985(a)(1) § 63.11985(b)(1)

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

**Table 2a: Deletions**

<b>Date:</b> 8/21/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Shintech Freeport Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	LV-5		63HHHHH HH-3	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	§ 63.11880(a)-Table 1.1 § 63.11880(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11925(a) § 63.11925(b) [G]§ 63.11930 [G]§ 63.11935(d) [G]§ 63.11940(b) [G]§ 63.11945 § 63.11985 § 63.11990

23	TK-455G		R5140-1	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.142(1) § 115.142 § 115.142(1)(A) § 115.142(1)(B) § 115.142(1)(C) § 115.142(1)(E) § 115.142(1)(G) [G]§ 115.142(1)(H) [G]§ 115.148
23	TK-455G		63HHHHH HH-11	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	§ 63.11880(a)-Table 1.4 § 63.11880(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11935(d)(3) [G]§ 63.11965 [G]§ 63.11970 [G]§ 63.11975 § 63.11985
2	TK502A		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
3	TK502B		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
4	TK502C		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
5	TK502D		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)



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

**Table 2b: Deletions**

<b>Date:</b> 7/25/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Shintech Freeport Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	LV-5		63HHHHHHH-3	112(B) HAPS	§ 63.11905 [G]§ 63.11925(c) § 63.11925(d) § 63.11925(e) § 63.11930(d)(1) § 63.11930(d)(2) § 63.11930(e)(1) [G]§ 63.11930(e)(2) § 63.11930(e)(3) [G]§ 63.11935(b) [G]§ 63.11940(b) § 63.11945(a) § 63.11945(a)-Table 8 [G]§ 63.11945(b)	§ 63.11925(g) [G]§ 63.1193(d) § 63.11930() § 63.11930(d)(3) § 63.11930(e)(4) [G]§ 63.11930(g) § 63.11935(e) § 63.11990(a) [G]§ 63.11995	[G]§ 63.11895(a) § 63.11896(d) [G]§ 63.11945(b) § 63.11985(a)(4) § 63.11985(a)(5) § 63.11985(b)(10) § 63.11985(b)(4) § 63.11985(b)(5) § 63.11985(b)(9)
23	TK-455G		R5140-1	VOC	[G]§ 115.142(1)(H) [G]§ 115.144(1) § 115.144(3)(H) § 115.144(5) § 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3)	[G]§ 115.142(1)(H) § 115.144(3)(H) § 115.146(1) § 115.146(2) § 115.146(3) § 115.146(4)	None

					§ 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148		
23	TK-455G		63HHHHH HH-11	112(B) HAPS	§ 63.11905 [G]§ 63.11965(b) [G]§ 63.11965(f)(1) [G]§ 63.11970 [G]§ 63.11975(b) [G]§ 63.11975(c) [G]§ 63.11980	§ 63.11965(f) § 63.11990(a) § 63.11990(i) [G]§ 63.11995	[G]§ 63.11895 § 63.11896(c) § 63.11896(d) § 63.11985(a) [G]§ 63.11985(a)(8) § 63.11985(a)(9)(vii) § 63.11985(b) § 63.11985(b)(11) § 63.11985(b)(12) § 63.11985(b)(4)(iii) § 63.11985(b)(8) [G]§ 63.11985(c)
2	TK502A		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
3	TK502B		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
4	TK502C		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
5	TK502D		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

**Texas Commission on Environmental Quality**  
**Miscellaneous Unit Attributes**  
**Form OP-UA1 (Page 1)**  
**Federal Operating Permit Program**

Date:	8/21/2025
Permit No.:	O1361
Regulated Entity No.:	RN10023198

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
TK2901E	63HHHHHHHH-7	EP	FCD+			VCM Storage Sphere MSS includes TK2901 A-D, TK3901 A-B
TK2901F	63HHHHHHHH-7	EP	FCD+			VCM Storage Sphere MSS includes TK2901 A-D, TK3901 A-B
UNLDGN	R5121-3	EP	FCD+			VCM unloading stations
UNLDGP	R5121-3	EP	FCD+			VCM unloading stations
UNLDGQ	R5121-3	EP	FCD+			VCM unloading stations
UNLDGR	R5121-3	EP	FCD+			VCM unloading stations

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
UNLDGS	R5121-3	EP	FCD+			VCM unloading stations
UNLDGT	R5121-3	EP	FCD+			

**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.
8/21/2025	O1361	RN10023198

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	LV-5		Incinerator		9347	PSDTX285M5
D	2	TK502A		Plant 1 Silo		9347	PSDTX285M5
D	3	TK502B		Plant 1 Silo		9347	PSDTX285M5
D	4	TK502C		Plant 1 Silo		9347	PSDTX285M5
D	5	TK502D		Plant 1 Silo		9347	PSDTX285M5
D	23	TK-455G		Cushion Tank		9347	PSDTX285M5
A	38	UNLDGN	UA1	VCM Unloading Station		9347	PSDTX285M5
A	39	UNLDGP	UA1	VCM Unloading Station		9347	PSDTX285M5
A	40	UNLDGQ	UA1	VCM Unloading Station		9347	PSDTX285M5
A	41	UNLDGR	UA1	VCM Unloading Station		9347	PSDTX285M5
A	42	UNLDGS	UA1	VCM Unloading Station		9347	PSDTX285M5
A	43	UNLDGT	UA1	VCM Unloading Station		9347	PSDTX285M5
A	56	TK2901E	UA1	VCM Storage Sphere		9347	PSDTX285M5
A	57	TK2901F	UA1	VCM Storage Sphere		9347	PSDTX285M5

Texas Commission on Environmental Quality  
Federal Operating Permit Program  
Individual Unit Summary for Revisions  
Form OP-SUMR  
[Table 2](#)

Date	Permit No.	Regulated Entity No.
8/21/2025	O1361	RN10023198

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
1	LV-5		D	GRP-INCIN
2	TK-502A		D	GRP-PLT1SILO
3	TK-502B		D	GRP-PLT1SILO
4	TK-502C		D	GRP-PLT1SILO
5	TK-502D		D	GRP-PLT1SILO
23	TK-455G		D	GRP-WASTEWTR
38	UNLDGN	UA1	A	GRP-VCMUNLDG
39	UNLDGP	UA1	A	GRP-VCMUNLDG
40	UNLDGQ	UA1	A	GRP-VCMUNLDG
41	UNLDGR	UA1	A	GRP-VCMUNLDG
42	UNLDGS	UA1	A	GRP-VCMUNLDG
43	UNLDGT	UA1	A	GRP-VCMUNLDG

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
56	TK2901E	UA1	A	GRP-SPHERE
57	TK2901F	UA1	A	GRP- SPHERE



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

<b>Date:</b> 08/21/2025	<b>Regulated Entity No.:</b> RN100213198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated		<b>Area Name:</b> Freeport, Texas

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

**Part 1**

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

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

Date: 08/21/2025	Regulated Entity No.: RN100213198	Permit No.: O1361
Company Name: Shintech Incorporated	Area Name: Freeport, Texas	

Part 2

A. Compliance Schedule		
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. (See form instruction for details.) If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s):		
SOP Index No.:		
Pollutant:		
Applicable Requirement		
Citation		Text Description
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	Location of Records/Documentation
3. Non-compliance Situation Description		
4. Corrective Action Plan Description		
5. List of Activities/Milestones to Implement the Corrective Action Plan		

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

Date: 08/21/2025	Regulated Entity No.: RN100213198	Permit No.: O1361
Company Name: Shintech Incorporated	Area Name: Freeport, Texas	

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)		
Type of Action	Date Submitted	
"Otherwise" enter "N/A"		
7. Progress Report Submission Schedule		

Reset Form

**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

<b>I. Identifying Information</b>
RN: 100213198
CN: 600128425
Account No.: BL-0051-F
Permit No.: 01361
Project No.:
Area Name: Shintech Freeport Plant
Company Name: Shintech Incorporated
<b>II. Certification Type (Please mark appropriate box)</b>
<input type="checkbox"/> Designated Representative <input checked="" type="checkbox"/> Alternated Designated Representative
<b>III. Requirement and Submittal Type (Please mark the appropriate boxes for each row)</b>
Requirement: <input type="checkbox"/> Acid Rain Permit <input type="checkbox"/> Cross-State Air Pollution Rule (CSAPR)
Submittal Type: <input type="checkbox"/> Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input checked="" type="checkbox"/> Permit Revision or Renewal <input type="checkbox"/> Other:

**Form OP-CROI**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

<b>IV. Certification of Truth</b>					
I, <u>Paul Spinks</u>	certify that I am the <u>DAR</u>	<i>(RO or DAR)</i>			
<i>(Certifier Name printed or typed)</i>					
<p>am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment. The above certification is for the statements and information dated during the time period or on the specific date(s) below:</p> <p><i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p>					
Time Period: From _____		to _____			
<i>(Start Date)</i>		<i>(End Date)</i>			
Specific Dates: _____					
<i>(Date 1)</i>		<i>(Date 2)</i>		<i>(Date 3)</i>	
<i>(Date 4)</i>		<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: <u>Paul Spinks</u> Signature Date: <u>8/21/2025</u>					
Title: <u>SHINTCH FREEPORT SITE MANAGER</u>					

## Texas Commission on Environmental Quality

Title V Existing

1361

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	SHINTECH FREEPORT PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	5618 E HIGHWAY 332
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.995555
Longitude (W) (-###.#####)	95.357222
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100213198
What is the name of the Regulated Entity (RE)?	SHINTECH FREEPORT PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	5618 E HIGHWAY 332
City	FREEPORT
State	TX
ZIP	77541
County	BRAZORIA
Latitude (N) (##.#####)	28.995833
Longitude (W) (-###.#####)	-95.363611
Facility NAICS Code	
What is the primary business of this entity?	MANUFACTURING PVC RESIN

## Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600128425
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Shintech Incorporated
Texas SOS Filing Number	3444806
Federal Tax ID	741750521
State Franchise Tax ID	17417505215
State Sales Tax ID	
Local Tax ID	
DUNS Number	65095390
Number of Employees	101-250
Independently Owned and Operated?	No

## Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	SHINTECH INCORPORATED
Prefix	MR
First	DANIEL
Middle	
Last	CEDOTAL
Suffix	
Credentials	
Title	VICE PRESIDENT OF MANUFACTURING
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 358
Routing (such as Mail Code, Dept., or Attn:)	
City	ADDIS
State	LA
ZIP	70710

Phone (###-###-####)	2256851199
Extension	4414
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	dcedotal@shin-tech.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

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list

Mailing Address

Address Type

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

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

City

State

Zip

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

Extension

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

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

E-mail

PAUL SPINKS(SHINTECH INCORP... )

SHINTECH INCORPORATED

MR

PAUL

SPINKS

SITE DIRECTOR

Domestic

5618 E HIGHWAY 332

FREEPORT

TX

77541

9792337861

pspinks@shin-tech.com

## Technical Contact

Person TCEQ should contact for questions about this application:



Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

CHRIS HALL(SHINTECH INCORP... )

SHINTECH INCORPORATED

MR

CHRIS

HALL

ENVIRONMENTAL MANAGER

Domestic

5618 E HIGHWAY 332

FREEPORT

TX

77541

9797054307

chall@shin-tech.com

## Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 59 Min 44 Sec

3) Permit Longitude Coordinate:

95 Deg 21 Min 26 Sec

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

New Application

4.1. What type of permitting action are you applying for?

Renewal

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

No

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

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

## Title V Attachments Existing

---

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

<a href=/ePermitsExternal/faces/file?fileId=277268>SHNTC.C002\_Title V Renewal Application\_FINAL.pdf</a>

Hash

B9C74EA58EA7C40F53A3343EA4AD634BB887A454621EF14890EE65DB2F4123F0

MIME-Type

application/pdf

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

## Expedite Title V

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

No

## Certification

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

1. I am Paul Spinks, the owner of the STEERS account ER051985.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1361.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Paul Spinks OWNER OPERATOR

Account Number: ER051985

Signature IP Address: 50.148.0.58

Signature Date: 2025-08-26

Signature Hash: 37F5F77642D58760305D6CE254E2B081C1059CCFCA870E241E20E4E3B0F495FF

Form Hash Code at time of Signature: D7D41874645946B2D771637AE1598B2118646400514EB9087A6F99CEEBAE18E0

## Submission

Reference Number: The application reference number is 810701

Submitted by: The application was submitted by ER051985/Paul Spinks

Submitted Timestamp:

The application was submitted on 2025-08-26 at 11:46:31 CDT

Submitted From:

The application was submitted from IP address 50.148.0.58

Confirmation Number:

The confirmation number is 673735

Steers Version:

The STEERS version is 6.92

Permit Number:

The permit number is 1361

## Additional Information

---

Application Creator: This account was created by Thomas Warnack

---

**FINAL REPORT**

**Application for Renewal and Minor Revision of a  
Federal Operating Permit**

**Shintech Incorporated, Freeport, TX  
Site Operating Permit (SOP) Permit No. 01361**

Prepared for:



Shintech Incorporated  
5618 E. Highway 332  
Freeport, Texas 77541

Prepared by:



INTERA Incorporated  
9600 Great Hills Trail, Suite 300W  
Austin, Texas 78759

**AUGUST 2025**

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## Acronyms and Abbreviations

°F	Degrees Fahrenheit
30 TAC	Chapter 30 of the Texas Administrative Code
40 CFR	Title 40 of the Code of Federal Regulations
CO	Carbon Monoxide
HAPs	Hazardous Air Pollutants
HGB	Houston-Galveston-Brazoria
hr	Hour
MSS	Maintenance, Startup, and Shutdown
NAAQS	National Ambient Air Quality Standards
NSR	New Source Review
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards
PBR	Permit by Rule
PM	Particulate Matter
PM <sub>10</sub>	PM with diameter less than 10 microns
PM <sub>2.5</sub>	PM with diameter less than 2.5 microns
ppm	parts per million
PTE	Potential to Emit
PSD	Prevention of Significant Deterioration
QA/QC	Quality Assurance / Quality Control
SO <sub>2</sub>	Sulfur Dioxide
SOP	Site Operating Permit
TCEQ	Texas Commission on Environmental Quality
TPY	Tons Per Year
VOCs	Volatile Organic Compounds



## 1.0 Introduction

Shintech Incorporated (Shintech), manufactures Polyvinyl Chloride (PVC) at its processing facility located at 5618 East Highway 332 Freeport, Texas 77541 within the city of Freeport, Brazoria County, and the Houston-Galveston-Brazoria (HGB) Non-Attainment Area as shown in **Figure 1**. In addition, the site is in an area designated as serious nonattainment under the 2015 eight-hour ozone National Ambient Air Quality Standard (NAAQS) and severe nonattainment under the 2008 eight-hour ozone NAAQS. The facility is currently operating under various permits including New Source Review (NSR) Permit No. 9347, Prevention of Significant Deterioration (PSD) permit Nos. PSDTX671, PSDTX285M1, PSDTX285M2, PSDTX285M3, PSDTX285M4, and PSDTX285M5, Standard Permits Nos. 140372 and 163618, and several unregistered Permits By Rule (PBR). The facility is also considered a major source and therefore also operates under the Title V Site Operating Permit (SOP) No. O1361.

The site is comprised of three distinct plants (Plant 1, Plant 2, and Plant 3), each operating independently of each other. The locations of new sources or modified emission units within each of the three plants are illustrated in **Figure 12**. Summaries of the operations for each plant are depicted in process flow diagrams provided in **Figure 3**, **Figure 4**, and **Figure 5**.

Shintech is submitting this application to 1) apply to renew the SOP as required by August 30, 2025, in accordance with 30 TAC Chapter 122, and 2) submit a Minor Revision to incorporate changes authorized under various NSR amendments, Standard Permit issuance, and claimed PBRs.

Forms pertaining to modified or new sources have been included in this application package. Forms for existing sources that remain unchanged have been excluded from this application. This application package specifically proposes to update the site's SOP to incorporate the actions authorized by two NSR Permit 9341 amendments in 2021 and 2022, as detailed below. Note that Shintech also applied for an amendment to NSR permit 9347 in 2025 (project #391313); however, the TCEQ has not issued a revised permit for those NSR changes in 2025. This application does not include the anticipated changes as a result of those proposed permitting actions that were applied for in 2025 (pending agency review).

The changes that are being incorporated into this permit are described below:

### 2021 Amendment

1. Remove the Plant 1 incinerator (EPN LV-5) from Permit No. 9347. SP Registration No. 140372, a Pollution Control Project (PCP) SP registration, authorized the replacement of incinerator LV-5 with incinerator UN-821. Incinerator LV-5 is no longer in service.
2. Increase hourly emissions for EPN TK510 due to a correction in the air flow rate.
3. Update the calculation methodology for the PVC dryers (EPNs DR401D, DR401E, DR401F, DR401G, DR-2401A, DR-2401B, DR-2401C, DR3401A, DR3401B, and DR3401C). Product collection systems for the PVC dryers at the Shintech Freeport Plant are composed of double cyclone systems and dryer blowers. One dryer blower is associated with each PVC dryer. Shintech determined the collection efficiency for the collection systems by material balance. The revised calculation methodology estimates emissions as the sum of emissions from the dryer cyclones and dryer blower.

4. Update emission calculations for fugitive sources (EPNs P1FUG, P2FUG, and P3FUG). Existing permitted emission rates include gas holder emissions, which are separately listed emission points in Permit No. 9347. To avoid double-counting emissions, the calculations have been revised to exclude those emissions from EPNs P1FUG, P2FUG, and P3FUG. Emissions from EPN HE3207, authorized by PBR Registration No. 138151, were added to EPN P3FUG.
5. Revise emissions for EPNs PL1BIO, PL2BIO, and PL3BIO to remove VCM emissions. Sampling has indicated VCM is not detectable, therefore it should be removed from this EPN.
6. Reduction in emissions from railcar washing EPNs RAILWASH1 and RAILWASH3 based on updated sampling information and more accurate flow readings. Sampling results confirmed that the VOC/HAP content of Recovered Deionized Water (RDW) is negligible with the maximum measured VOC concentrations well below 10,000 ppm, the threshold to meet the definition of a VOC wastewater stream as defined in 30 TAC 115.140(2). Additionally, 30 TAC 115.148(3) excludes VOC with a Henry's Law Constant less than  $7.5 \times 10^{-5}$  atm-m<sup>3</sup>/mole at 25 degrees Celsius. VOC emissions were reduced to <0.01 lb/hr accordingly.
7. Request modification of Special Condition 15 to remove the requirement for process wastewater drains to be fully enclosed and routed to the wastewater stripper. The maximum measured VOC concentrations are well below 10,000 ppm, the threshold to meet the definition of a VOC wastewater stream as defined in 30 TAC 115.140(2). Additionally, 30 TAC 115.148(3) excludes VOC with a Henry's Law Constant less than  $7.5 \times 10^{-5}$  atm-m<sup>3</sup>/mole at 25 degrees Celsius.
8. Revise emission rates for the Gas Holders (EPNs HL-301, HL-302, HL-2301, HL-2302, HL-3301, HL-3302) based on corrections to bell dimensions and operating data.
9. Increase the annual number of reactor openings from 240 to 720 for the sitewide reactor cap.
10. Increase the hourly and annual emission rate for EPN MSSSPHERE. Small emission increases are believed to be rounding differences or previous calculation error, as there are no changes to representations for this EPN.
11. Increase the hourly and annual emission rate for EPN MSSSOLV. Emission increases are believed to be due to a previous calculation error, as there are no changes to representations for this EPN.
12. Increase the hourly and annual emission rate for EPN MSSMISC due to a previous error in the sphere volume. The revised sphere volume results in a change to the emission rate for this EPN.
13. Revise the Special Condition 22 reactor opening limitation from "0 to 20 batches" to "1 to 20 batches".

#### 2023 Permit Amendment

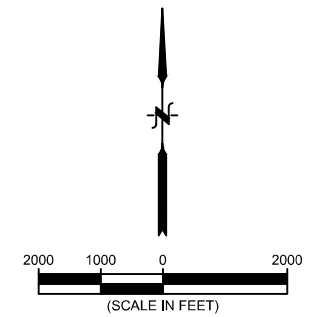
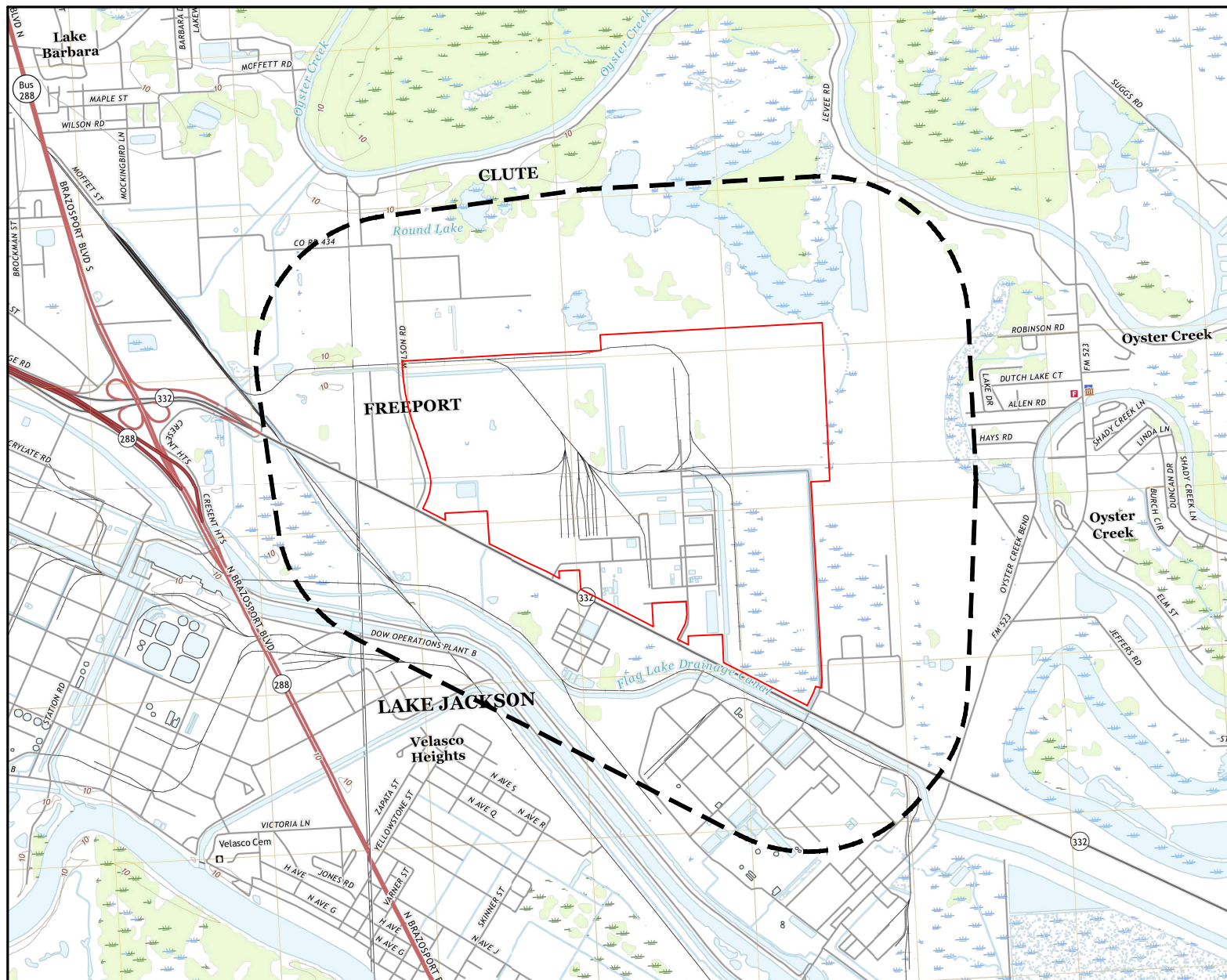
1. Added six new VCM unloading stations identified as Emission Point Numbers (EPNs) UNLDGN, UNLDGP, UNLDGQ, UNLDGR, UNLDGS, and UNLDGT.
2. Revised the number of loading events for existing VCM unloading stations (EPNs UNLDGA, UNLDGB, UNLDGC, UNLDGD, UNLDGE, UNLDGF, UNLDGG, UNLDGH, UNLDGI, UNLDGK, UNLDGL, and UNLDGM) from 913 events per year (events/yr) to 1095 events/yr.
3. Added two new VCM storage spheres identified as EPNs TK2901E and TK2901F, and reduced concentration requirement for sphere degassing prior to opening from 10,000 ppmv to 3,000 ppmv (revision to Special Condition 33 Condition D)



4. Added new fugitive components associated with the proposed VCM unloading stations and VCM storage spheres.


## 2.0 Area Map



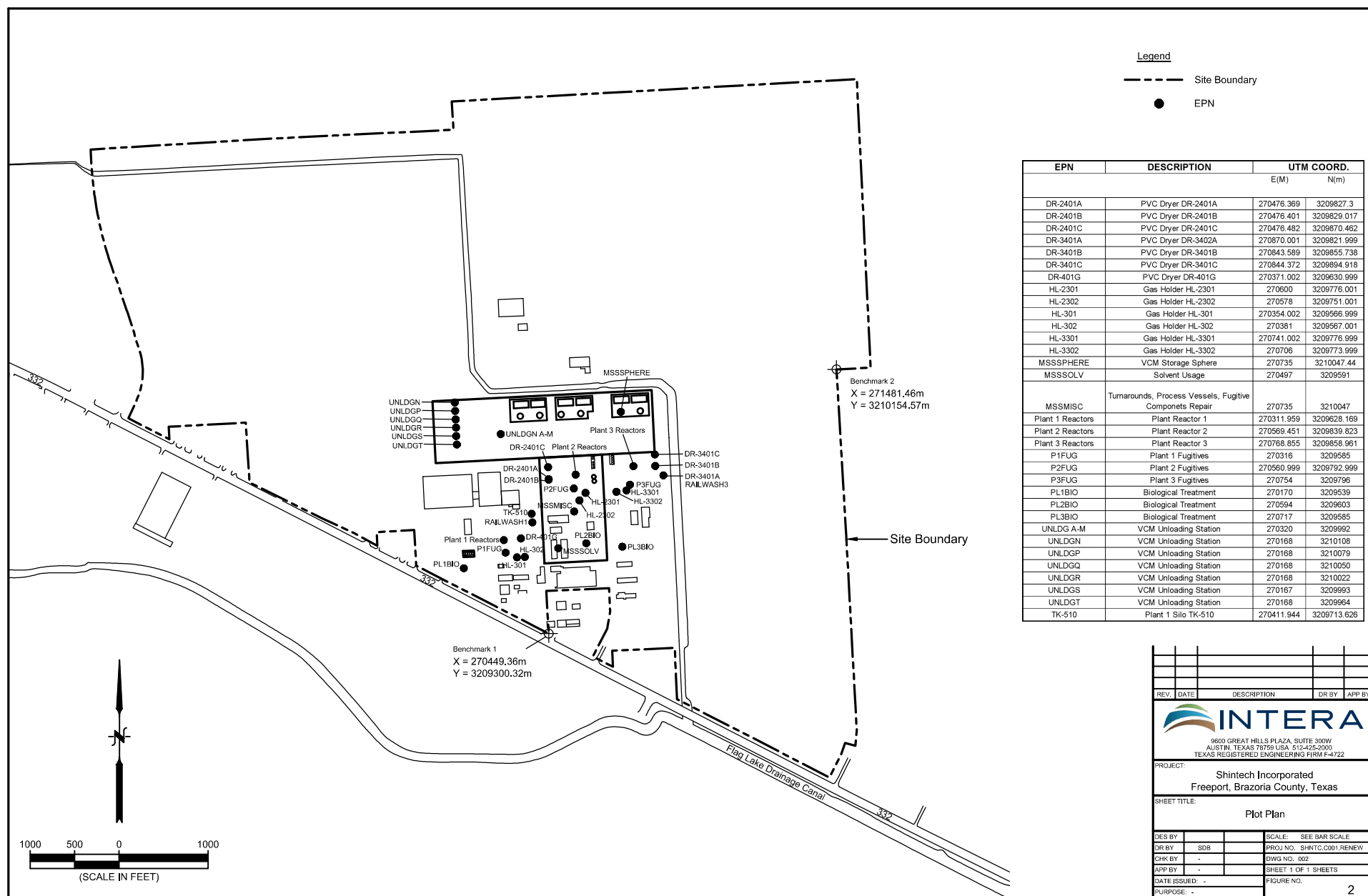


- Legend**
- Property Boundary
  - 3,000 ft Radius

**BASE MAP SOURCE:**  
USGS STORE  
<https://store.usgs.gov/maps>  
7.5 min. series quadrangles  
Lake Jackson, Tx; 2022  
Oyster Creek, Tx; 2022  
Jones Creek, Tx; 2022  
Freeport, Tx; 2022

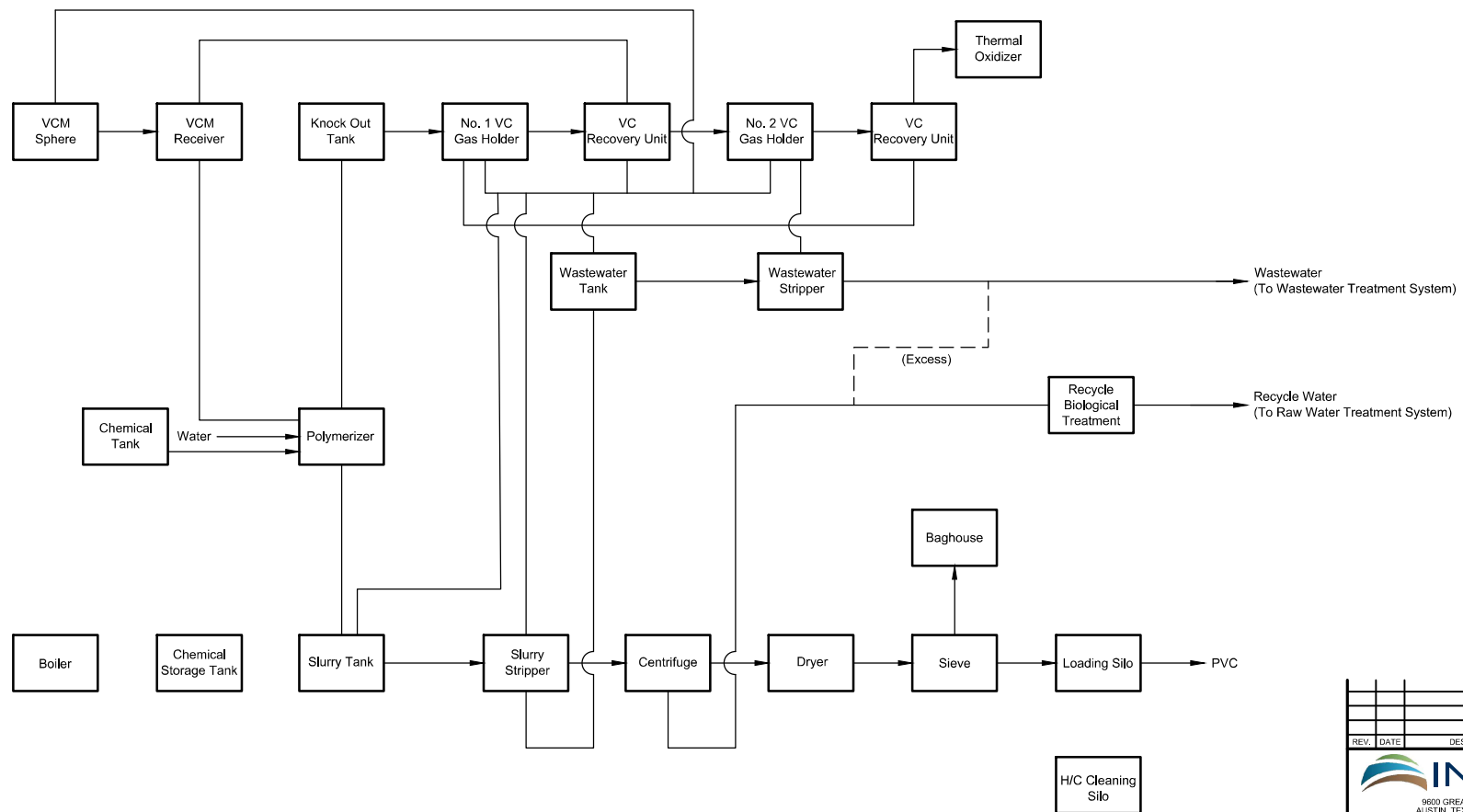
REV.	DATE	DESCRIPTION	DR BY APP BY
			
9600 GREAT HILLS PLAZA, SUITE 300W AUSTIN, TEXAS 78759 USA 512-425-2000 TEXAS REGISTERED ENGINEERING FIRM F-4722			
PROJECT: Shintech Incorporated Freeport, Brazoria County, Texas			
SHEET TITLE: Area Map			
DES BY	SDB	SCALE:	SEE BAR SCALE
DR BY	-	PROJ NO.	SHNTC.C002.RENEW
CHK BY	-	DWG NO.	001
APP BY	-	SHEET 1 OF 1 SHEETS	
DATE ISSUED	-	FIGURE NO.	
PURPOSE	-		1

## 3.0 Plot Plan

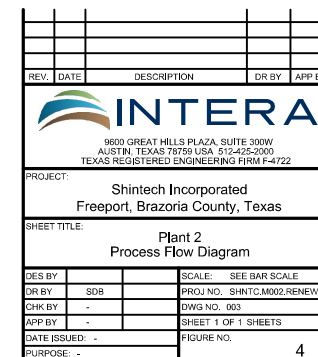


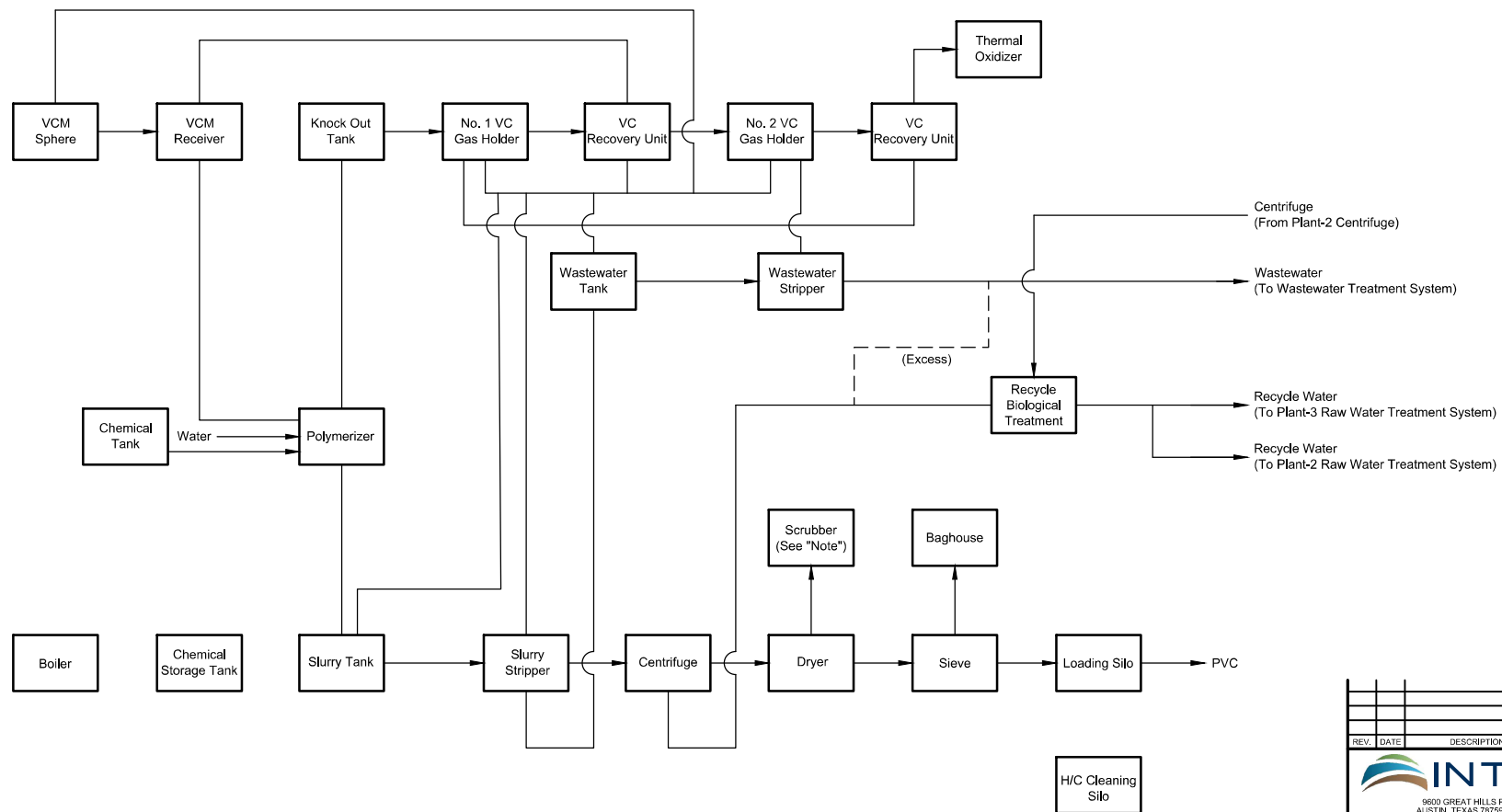
## 4.0 Process Flow Diagrams





REV.	DATE	DESCRIPTION	DR BY	APP BY
 9600 GREAT HILLS PLAZA, SUITE 300W AUSTIN, TEXAS 78759 USA 512-425-0900 TEXAS REGISTERED ENGINEERING FIRM F-4722				
PROJECT: Shintech Incorporated Freeport, Brazoria County, Texas				
SHEET TITLE: Plant 1 Process Flow Diagram				
DES BY	SDB	SCALE	SEE BAR SCALE	
DR BY	-	PROJ NO.	SHNTC.M002.RENEW	
CHK BY	-	DWG NO.	004	
APP BY	-	SHEET 1 OF 1 SHEETS		
DATE ISSUED	-	FIGURE NO.		
PURPOSE	-		3	





Note:  
Scrubber is equipped on only DR-3410C.

REV.	DATE	DESCRIPTION	DR BY	APP BY
 9600 GREAT HILLS PLAZA, SUITE 300W AUSTIN, TEXAS 78759 USA 512-425-0900 TEXAS REGISTERED ENGINEERING FIRM F-4722				
PROJECT: Shintech Incorporated Freeport, Brazoria County, Texas				
SHEET TITLE: Plant 3 Process Flow Diagram				
DES BY		SCALE:	SEE BAR SCALE	
DR BY	SDB	PROJ NO.	SHNTC.M002.RENEW	
CHK BY	-	DWG NO.	005	
APP BY	-	SHEET 1 OF 1 SHEETS		
DATE ISSUED	-	FIGURE NO.		
PURPOSE	-		5	

## 5.0 Process Description

The Shintech Freeport Plant consists of three independently operated processes (Plant 1, Plant 2, and Plant 3) that manufacture PVC resin. Each plant uses the suspension polymerization process to manufacture the PVC resin that includes the following major processing steps:

- Raw material receiving, storage, and preparation;
- Batch suspension polymerization process; and
- Separation and drying.

Vinyl Chloride Monomer (VCM) is the primary raw material or feedstock used to manufacture PVC. The plant receives VCM via pipeline and railcar. Other materials that are needed for the process include water, suspending agents, reaction inhibitors, organic peroxides, and organic solvents. These materials are received by trucks and stored in tanks located in warehouses or under covered areas. Ethanol and mineral spirits are used as solvents or anti-freeze agents for the chemicals used in the batch suspension polymerization process.

VCM is introduced to the PVC reactors from a charge tank. Polymerization of VCM, a closed reactor operation, occurs in water with reaction initiators, suspending agents, inhibitors, and organic solvents producing PVC in the form of a slurry. The PVC slurry is dewatered by centrifugation into PVC wet cake. The PVC wet cake is then dried with steam in a fluidized bed dryer, which generates PVC granules. The dried PVC granules are screened by sieves and then sent to storage silos for packaging and material handling. The bulk of the un-reacted VCM from the polymerizing process is removed by degassing to the gasholder and routed to the VCM recovery process. Recovered VCM gas is compressed, liquified, and purified for re-use. The non-condensable gas in the recovery units are sent to the incinerators.

## 6.0 Changes in Emission Units

In July 2021, an NSR permit amendment and renewal application was submitted to TCEQ to incorporate a standard permit and Permit by Rule (PBR) registrations, as well as to revise emissions calculations and representations for various Emission Point Numbers (EPNs) and special conditions.

In March 2023, a second NSR permit amendment application was submitted to TCEQ to permit the construction of six vinyl chloride unloading stations; two new vinyl chloride storage spheres; Maintenance, Startup, and Shutdown (MSS) emissions from vinyl chloride spheres; and fugitive components associated with the newly installed equipment.

In February 2025, a third NSR permit amendment application was submitted to TCEQ to authorize the replacement of two incinerators and remove fugitive emissions associated with VCM unloading and storage in Plant 2 and instead authorize them under a newly created EPN P2-900FUG. This permit amendment is currently being reviewed by TCEQ.

The corresponding NSR permit amendments, which were approved on September 23, 2022, and August 21, 2023, authorized these new sources and changes in emission rates and representations. A summary table including all approved NSR permit updates which must be included in the site's SOP as minor revisions is presented in **Table 1**.

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
DR401D	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVOC	8.50		9.5	
	VCM	5.10		1.41	
DR401E	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVOC	8.50		9.5	
	VCM	5.10		1.41	
DR401F	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVOC	8.50		9.5	
	VCM	5.10		1.41	
DR401G	PM	1.80		1.87	
	PM10	1.80		1.87	
	PM2.5	1.80		1.87	
	NVOC	8.50		9.5	
	VCM	5.10		1.41	
LV-5	CO	0.1		0	
	HCl	0.2		0	
	Cl2	0.02		0	
	NOx	2.10		0	
	VCM	0.10		0	
	PM	0.20		0	
	PM10	0.20		0	
	PM2.5	0.20		0	
	SO2	0.01		0	
	Dioxin/Furan (10)	<0.01		0	
	THC (10)	<0.01		0	
	VOC	0.03		0	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
TK116	VOC	0.34		0.11	
TK117	VOC	0.34		0.11	
TK124	VOC	1.84		1.03	
TK115	VOC	0.24		0.11	
TK123	VOC	0.85		1.03	
TK502A-D*; TK503A; TK503C; TK503D; TK503E; TK551A; TK551E *TK502A-D removed in 2021 NSR 9347 Permit Amendment (Project #331024)	PM	3.58		3.58	
	PM10	3.58		3.58	
	PM2.5	3.58		3.58	
	VCM	2.80		<0.01	
TK503B	PM	0.35		0.35	
	PM10	0.35		0.35	
	PM2.5	0.35		0.35	
	VCM	0.30		<0.01	
TK510	PM	0.18		0.19	
	PM10	0.18		0.19	
	PM2.5	0.18		0.19	
	VCM	0.01		<0.01	
TK561A	PM	0.19		0.19	
	PM10	0.19		0.19	
	PM2.5	0.19		0.19	
	VCM	0.60		<0.01	
TK561B	PM	0.19		0.19	
	PM10	0.19		0.19	
	PM2.5	0.19		0.19	
	VCM	0.60		<0.01	
TK561C	PM	0.25		0.25	
	PM10	0.25		0.25	
	PM2.5	0.25		0.25	
	VCM	0.60		<0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UN752A	CO	13.14		13.14	
	NOx	4.38		4.38	
	PM	0.61		0.61	
	PM10	0.61		0.61	
	PM2.5	0.61		0.61	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN752B	CO	13.14		13.14	
	NOx	4.38		4.38	
	PM	0.61		0.61	
	PM10	0.61		0.61	
	PM2.5	0.61		0.61	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN752D	CO	1.08		1.08	
	NOx	0.9		0.9	
	PM	0.5		0.5	
	PM10	0.5		0.5	
	PM2.5	0.5		0.5	
	SO2	0.85		0.85	
	VOC	0.32		0.32	
P1FUG	VCM	1.11		0.99	
	NVOC	0.58		0.52	
	Exempt Solvent	0.01		<0.01	
	Inorganic Salt Solution	0.15		Pollutant Removed	
PL1BIO (6)	VOC	1.08		1.08	
	VCM	0.15		Pollutant Removed	
CF-401D (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-401E (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-401F (6)	VOC	0.04		0.04	



**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
CF-401F (6)	Cl2	0.03		0.03	
CF-401G (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402D (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402E (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402F (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-402G (6)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
TK-455D (6)* *EPN Name Changed to TK-455A in 2021 NSR 9347 Permit Amendment (Project #331024)	VOC	0.01		0.01	
	Cl2	0.01		0.01	
TK-455E (6)	VOC	0.01		0.01	
	Cl2	0.01		0.01	
TK-455F (6)	VOC	0.01		0.01	
	Cl2	0.01		0.01	
TK-455G (6)	Cl2	0.01		EPN Removed	
	VOC	0.01			
RAILWASH1	VOC	0.184	0.17	<0.01	<0.01
HL-301	VOC	0.15		0.16	
HL-302	VOC	0.09		0.1	
PIT-684 (6)	VOC	1.56		1.56	
CL-681 (6)	VOC	0.05		0.05	
PIT-690 (6)	VOC	0.01		0.01	
PIT-687 & 688 (6)	VOC	0.01		0.01	
PIT-689 (6)	VOC	0.01		0.01	
TK-418 (6)	VOC	0.31		0.31	
FL-407A/B/C (6)	VOC	0.10		0.1	
TK-419 (6)	VOC	0.02		0.02	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
TK-414 (6)	VOC	0.02		0.02	
TK-420 (6)	VOC	0.01		0.01	
PIT-451 (6)	VOC	0.02		0.02	
PIT-681 (6)	VOC	0.88		0.88	
PIT-682 (6)	VOC	0.01		0.01	
CL-661 (6)	VOC	0.01		0.01	
WASTEWTR1	VOC		5.59		5.59
	Cl2		1.16		1.16
DR2401A	PM	1.76		1.83	
	PM10	1.76		1.83	
	PM2.5	1.76		1.83	
	NVOC	8.50		8.5	
	VCM	6.80		1.26	
DR2401B	PM	1.76		1.83	
	PM10	1.76		1.83	
	PM2.5	1.76		1.83	
	NVOC	8.50		8.5	
	VCM	6.80		1.26	
DR2401C	PM	1.80		2.04	
	PM10	1.80		2.04	
	PM2.5	1.80		2.04	
	NVOC	10.00		10	
	VCM	8.00		1.48	
TK551B-D; TK553A; TK553B; TK2503A-I	PM				
		2.95		2.95	
	PM10	2.95		2.95	
	PM2.5	2.95		2.95	
	VCM	2.10		<0.01	
UNLDGA	VCM	0.02		0.02	0.01
UNLDGB	VCM	0.02		0.02	0.01
UNLDGC	VCM	0.02		0.02	0.01
UNLDGD	VCM	0.02		0.02	0.01

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UNLDGE	VCM	0.02		0.02	0.01
UNLDGF	VCM	0.02		0.02	0.01
UNLDGG	VCM	0.02		0.02	0.01
UNLDGH	VCM	0.02		0.02	0.01
UNLDGJ	VCM	0.02		0.02	0.01
UNLDGK	VCM	0.02		0.02	0.01
UNLDGL	VCM	0.02		0.02	0.01
UNLDGM	VCM	0.02		0.02	0.01
UNLDGN	VCM	0		0.02	0.01
UNLDGP	VCM	0		0.02	0.01
UNLDGQ	VCM	0		0.02	0.01
UNLDGR	VCM	0		0.02	0.01
UNLDGS	VCM	0		0.02	0.01
UNLDGT	VCM	0		0.02	0.01
UN2701A	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	VOC	0.41		0.41	
	NOx	4.56		4.56	
	SO2	1.09		1.09	
	CO	8.36		8.36	
UN2701B	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	VOC	0.41		0.41	
	NOx	4.56		4.56	
	SO2	1.09		1.09	
	CO	8.36		8.36	
UN2701C	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	VOC	0.41		0.41	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	NOx	4.56		4.56	
	SO2	1.09		1.09	
UN2701C	CO	8.36		8.36	
UN2703A (10)	PM	0.20		0.20	
	PM10	0.20		0.20	
	PM2.5	0.20		0.20	
	NOx	2.1		2.1	
	SO2	0.01		0.01	
	CO	0.16		0.16	
	VCM	0.60		0.6	
	HCl	0.20		0.2	
	Cl2	0.02		0.02	
	Dioxin/Furan (10)	<0.01		<0.01	
	THC (10)	<0.01		0.08	
	VOC	0.03		0.03	
UN2703B (10)	PM	0.20		0.20	
	PM10	0.20		0.20	
	PM2.5	0.20		0.20	
	NOx	2.10		2.10	
	SO2	0.01		0.01	
	CO	0.16		0.16	
	VCM	0.60		0.60	
	HCl	0.20		0.20	
	Cl2	0.02		0.02	
	Dioxin/Furan (10)	<0.01		<0.01	
	THC (10)	<0.01		0.08	
	VOC	0.03		0.03	
P2FUG	VCM	1.81		3.12	13.64
	NVOC	0.25		0.43	1.86
	Exempt Solvent	0.17		0.29	1.27
	Inorganic Salt Solution	0.15		Pollutant Removed	
PL2BIO	NVOC	1.43		1.43	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	VCM	0.15		Pollutant Removed	
TK2115A	VOC	0.01		0.02	
TK2115B	VOC	0.01		0.01	
TK2131	VOC	7.86		EPN Removed	
TK2132	VOC	1.79		2.3	
TK2133	VOC	17.5		7.61	
CF-2401A (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2401B (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2401C (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2402A (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2402B (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-2402C (7)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
TK-2455A (7)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
TK-2455B (7)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
TK-2455C (7)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
HL-2301	VOC	0.18		0.20	
HL-2302	VOC	0.12		0.14	
PIT-2687 (7)	VOC	0.53		0.53	
CL-2681 (7)	VOC	0.04		0.04	
PIT-2691 (7)	VOC	0.01		0.01	
PIT-2686 (7)	VOC	0.01		0.01	
PIT-2685 (7)	VOC	0.01		0.01	
TK-2691 (7)	VOC	0.01		0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
FL-2691A/B/C	VOC	0.39		0.39	
TK-2693 (7)	VOC	0.04		0.04	
TK-2651 (7)	VOC	0.03		0.03	
PIT-2690 (7)	VOC	0.03		0.03	
WASTEWTR2	VOC		3.81		3.81
	Cl2		0.87		0.87
DR3401A	NVOC	11.50		11.50	
	PM	2.05		2.63	
	PM10	2.05		2.63	
	PM2.5	2.05		2.63	
	VCM	6.90		1.70	
DR3401B	NVOC	11.50		11.5	
	PM	2.05		2.63	
	PM10	2.05		2.63	
	PM2.5	2.05		2.63	
	VCM	6.90		1.7	
DR3401C	NVOC	13.13		13.13	
	PM	2.40		2.66	
	PM10	2.40		2.66	
	PM2.5	2.40		2.66	
	VCM	7.88		1.94	
TK3503A-I	PM	1.44		1.44	
	PM10	1.44		1.44	
	PM2.5	1.44		1.44	
	VCM	0.90		<0.01	
UN3701A	CO	1.31		1.31	
UN3701A	NOx	1.10		1.1	
	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	SO2	1.04		1.04	
	VOC	0.39		0.39	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UN3701B	CO	1.10		1.10	
	NOx	4.63		4.63	
UN3701B	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN3701C	CO	1.10		1.10	
	NOx	4.63		4.63	
	PM	0.63		0.63	
	PM10	0.63		0.63	
	PM2.5	0.63		0.63	
	SO2	1.04		1.04	
	VOC	0.39		0.39	
UN3703A	Cl2	0.02		0.02	
	CO	0.41		0.41	
	HCl	0.05		0.05	
	NOx	1.03		1.03	
	VCM	0.06		0.06	
	SO2	0.01		0.01	
	PM	0.20		0.20	
	PM10	0.20		0.20	
	PM2.5	0.20		0.20	
	Dioxin/Furan (10)	<0.01		<0.01	
	THC (10)	<0.01		0.1	
	VOC	0.03		0.03	
UN3703B	Cl2	0.02		0.02	
	CO	0.41		0.41	
	HCl	0.05		0.05	
	NOx	1.03		1.03	
	VCM	0.06		0.06	
	SO2	0.01		0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
UN3703B	PM	0.2		0.2	
	PM10	0.2		0.2	
	PM2.5	0.2		0.2	
	Dioxin/Furan (10)	0.01		<0.01	
	THC (10)	0.01		0.1	
	VOC	0.03		0.03	
TK3132	VOC	2.68		1.03	
TK3133	VOC	16.00		7.61	
TK3134	VOC	0.98		0.31	
TK3510	PM	0.18		0.18	
	PM10	0.18		0.18	
	PM2.5	0.18		0.18	
	VCM	0.01		<0.01	
P3FUG	VCM	1.42		1.19	
	NVOC	0.37		0.32	
	Exempt Solvent	0.24		0.2	
	Inorganic Salt Solution	0.16		Pollutant Removed	
PL3BIO (8)	VOC	1.54		1.54	
	VCM	0.10		Pollutant Removed	
CF-3401A (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3401B (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3401C (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3402A (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3402B (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
CF-3402C (8)	VOC	0.04		0.04	
	Cl2	0.03		0.03	
TK3455A (8)	Cl2	0.01		0.01	



**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	VOC	0.01		0.01	
TK3455B (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
TK3455C (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
CF-3455A (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
CF-3455B (8)	Cl2	0.01		0.01	
CF-3455B (8)	VOC	0.01		0.01	
CF-3455C (8)	Cl2	0.01		0.01	
	VOC	0.01		0.01	
RAILWASH3	VOC	0.184	0.17	<0.01	<0.01
HL-3301	VOC	0.38		0.42	
HL-3302	VOC	0.11		0.12	
PIT-3681 (8)	VOC	1.63		1.63	
CL-3681 (8)	VOC	0.04		0.04	
PIT-3688 (8)	VOC	0.01		0.01	
PIT-3685&3686 (8)	VOC	0.01		0.01	
PIT-3687 (8)	VOC	0.05		0.05	
TK-3691 (8)	VOC	0.08		0.08	
FL-3691A/B (8)	VOC	0.03		0.03	
TK-3693 (8)	VOC	0.01		0.01	
TK-3651 (8)	VOC	0.01		0.01	
PIT-3691 (8)	VOC	0.02		0.02	
PIT-3693 (8)	VOC	0.59		0.59	
PIT-3694 (8)	VOC	0.01		0.01	
CL-3661 (8)	VOC	0.01		0.01	
PIT-3692 (8)	VOC	0.16		0.16	
CL-3682 (8)	VOC	0.04		0.04	
WASTEWTR3	VOC		5.52		5.52
	Cl2		0.87		0.87
TK107	VOC	0.20		<0.01	

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
TK108	VOC	0.20		<0.01	
TK109	VOC	0.44		0.28	
TK110	VOC	0.05		0.01	
TK111	VOC	0.05		0.01	
TK120	VOC	0.27		0.02	
TK121	VOC	0.62		0.01	
TK353	VOC	0.13		0.09	
TK2119	VOC	0.66		0.89	
TK2120	VOC	0.66		0.76	
TK2121	VOC	0.26		0.17	
TK2122	VOC	0.26		0.17	
TK2125	VOC	0.46		0.26	
TK2126	VOC	0.46		0.26	
TK2130	VOC	0.02		0.08	
TK3115	VOC	0.24		0.01	
TK3116	VOC	0.01		0.02	
TK3117	VOC	0.09		<0.01	
TK3118	VOC	0.01		0.01	
TK3119	VOC	0.64		0.39	
TK3120	VOC	0.64		0.39	
TK3121	VOC	0.57		0.37	
TK3122	VOC	0.57		0.37	
TK3124	VOC	0.72		0.46	
TK3125	VOC	0.72		0.46	
Total Site Emissions (all EPNs) for routine operations	CO		257.80		257.80
	Cl2		0.60		0.60
	HCl		2.20		2.20
	NOx		151.60		151.60
	SO2		40.90		40.90
	PM		140.60		140.60
	PM10		22.60		22.60
	PM2.5		22.60		22.60

**Table 1.** Changes in Emission Units  
Shintech Freeport Title V Air Quality Permit Renewal Application



Emission Point Number (EPN)	Pollutant	Previous		Updated	
		Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)	Short Term Emission Rate (lb/hr)	Long Term Emission Rate (tpy)
	VCM		61.40		48.60
	VOC		138.40		123.87
Sitewide reactors	VCM	7.99		7.99	
MSSSPHERE	VCM	62.29	0.25	18.70	0.08
MSSSOLV	VOC	1.32	1.37	1.32	1.37
MSSSMISC	VCM	12.40	0.22	12.40	0.22

## 7.0 TCEQ Forms

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

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

<b>I.</b>	<b>Company Identifying Information</b>					
<b>A.</b>	Company Name: Shintech Incorporated					
<b>B.</b>	Customer Reference Number (CN): CN 600128425					
<b>C.</b>	Submittal Date (mm/dd/yyyy):					
<b>II.</b>	<b>Site Information</b>					
<b>A.</b>	Site Name: Shintech Freeport Plant					
<b>B.</b>	Regulated Entity Reference Number (RN): RN 100213198					
<b>C.</b>	Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>					
<input type="checkbox"/> AR	<input type="checkbox"/> CO	<input type="checkbox"/> KS	<input type="checkbox"/> LA	<input type="checkbox"/> NM	<input type="checkbox"/> OK	<input type="checkbox"/> N/A
<b>D.</b>	Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>					
<input checked="" type="checkbox"/> VOC	<input checked="" type="checkbox"/> NO <sub>x</sub>	<input type="checkbox"/> SO <sub>2</sub>	<input checked="" type="checkbox"/> PM <sub>10</sub>	<input checked="" type="checkbox"/> CO	<input type="checkbox"/> Pb	<input checked="" type="checkbox"/> HAPS
Other:						
<b>E.</b>	Is the site a non-major source subject to the Federal Operating Permit Program?					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>F.</b>	Is the site within a local program area jurisdiction?					<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>G.</b>	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>H.</b>	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:					
<b>III.</b>	<b>Permit Type</b>					
<b>A.</b>	Type of Permit Requested: <i>(Select only one response )</i>					
<input checked="" type="checkbox"/> Site Operating Permit (SOP)	<input type="checkbox"/> Temporary Operating Permit (TOP)	<input type="checkbox"/> General Operating Permit (GOP)				

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

<b>IV. Initial Application Information</b> <i>(Complete for Initial Issuance Applications Only.)</i>		
<b>A.</b>	Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
<b>B.</b>	If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>C.</b>	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>D.</b>	Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>E.</b>	Has the required Public Involvement Plan been included with this application?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>V. Confidential Information</b>		
<b>A.</b>	Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>VI. Responsible Official (RO) Identifying Information</b>		
RO Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
RO Full Name: Daniel Cedotal		
RO Title: Vice President of Manufacturing		
Employer Name: Shintech Incorporated		
Mailing Address: P.O. Box 358		
City: Addis		
State: LA		
ZIP Code: 70710		
Territory:		
Country: USA		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: (225) 685-1199, Ext. 4414		
Fax No.:		
Email: dcedotal@shin-tech.com		

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

<b>VII. Technical Contact Identifying Information</b> <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Chris Hall
Technical Contact Title: Environmental Manager
Employer Name: Shintech Incorporated
Mailing Address: 5618 HWY 332 East
City: Freeport
State: TX
ZIP Code: 77541
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (979) 705-4307
Fax No.:
Email: chall@shin-tech.com
<b>VIII. Reference Only Requirements</b> <i>(For reference only.)</i>
<b>A.</b> State Senator: Joan Huffman, District 17
<b>B.</b> State Representative: Jeff Barry, District 29
<b>C.</b> Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>E.</b> Indicate the alternate language(s) in which public notice is required: Spanish

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

<b>IX. Off-Site Permit Request</b> <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
<b>A.</b> Office/Facility Name:
<b>B.</b> Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
<b>C.</b> Physical Location:
<b>D.</b> Contact Name Prefix: ( <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
<b>E.</b> Telephone No.:
<b>X. Application Area Information</b>
<b>A.</b> Area Name: Shintech Freeport Plant
<b>B.</b> Physical Address: 5618 HWY 332 East
City: Freeport
State: TX
ZIP Code: 77541
<b>C.</b> Physical Location:
<b>D.</b> Nearest City:
<b>E.</b> State:
<b>F.</b> ZIP Code:



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

<b>X.</b>	<b>Application Area Information</b> <i>(continued)</i>
<b>G.</b>	Latitude (nearest second): 28 degrees 59 minutes 44 seconds
<b>H.</b>	Longitude (nearest second): 95 degrees 21 minutes 26 seconds
<b>I.</b>	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>J.</b>	Indicate the estimated number of emission units in the application area:
<b>K.</b>	Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>L.</b>	Affected Source Plant Code (or ORIS/Facility Code):
<b>XI.</b>	<b>Public Notice</b> <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
<b>A.</b>	Name of a public place to view application and draft permit: Freeport Library
<b>B.</b>	Physical Address: 410 N. Brazosport Blvd
	City: Freeport
	ZIP Code: 77541
<b>C.</b>	Contact Person (Someone who will answer questions from the public during the public notice period):
	Contact Name Prefix: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
	Contact Person Full Name: Chris Hall
	Contact Mailing Address: 5618 HWY 332 East
	City: Freeport
	State: TX
	ZIP Code: 77541
	Territory:
	Country: USA
	Foreign Postal Code:
	Internal Mail Code:
	Telephone No.: (979) 705-4307

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

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

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

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

[PRINT FORM](#)

[RESET FORM](#)

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

Date: 8/21/2025	
Permit No.: O1361	
Regulated Entity No.: RN10023198	
Company Name: Shintech Incorporated	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
<b>II. Qualification Statement</b>	
For SOP Revisions Only <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
For GOP Revisions Only <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>	

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

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

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

☒ VOC      ☒ NO<sub>x</sub>      ☐ SO<sub>2</sub>      ☒ PM<sub>10</sub>      ☒ CO      ☐ Pb      ☒ HAP

Other:

**IV. Reference Only Requirements (For reference only)**

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

**V. Delinquent Fees and Penalties**

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

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

Date:8/21/2025
Permit No.: O1361
Regulated Entity No.: RN100213198
Company Name: Shintech Incorporated

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

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	No	LV-5		9347	Remove unit from Permit No. 9347
2	MS-C	No	TK502A		9347	Remove silo from Permit because this unit is no longer in service
3	MS-C	No	TK502B		9347	Remove silo from Permit because this unit is no longer in service
4	MS-C	No	TK502C		9347	Remove silo from Permit because this unit is no longer in service
5	MS-C	No	TK502D		9347	Remove silo from Permit because this unit is no longer in service
6	MS-C	No	DR401D		9347	Revised methodology for calculating emissions
7	MS-C	No	DR401E		9347	Revised methodology for calculating emissions
8	MS-C	No	DR401F		9347	Revised methodology for calculating emissions
9	MS-C	No	DR401G		9347	Revised methodology for calculating emissions
10	MS-C	No	DR2401A		9347	Revised methodology for calculating emissions
11	MS-C	No	DR2401B		9347	Revised methodology for calculating emissions
12	MS-C	No	DR2401C		9347	Revised methodology for calculating emissions
13	MS-C	No	DR3401A		9347	Revised methodology for calculating emissions
14	MS-C	No	DR3401B		9347	Revised methodology for calculating emissions
15	MS-C	No	DR3401C		9347	Revised methodology for calculating emissions
16	MS-C	No	P1FUG		9347	Revised emissions calculations
17	MS-C	No	P2FUG		9347	Revised emissions calculations. One action in 2021 removed gas holding emissions; a second pending action (Project 391313, submitted April 2025) removes VCM loading from P2FUG.

18	MS-C	No	P3FUG		9347	Revised emissions calculations
19	MS-C	No	PL1BIO		9347	Revised emissions calculations
20	MS-C	No	PL2BIO		9347	Revised emissions calculations
21	MS-C	No	PL3BIO		9347	Revised emissions calculations
22	MS-C	No	TK-455D		9347	Correct EPN name to TK-455A
23	MS-C	No	TK-455G		9347	Removal of unit from Permit
24	MS-C	No	RAILWASH1		9347	Revised emission rates
25	MS-C	No	RAILWASH3		9347	Revised emission rates
26	MS-C	No	HL-301		9347	Revised emission rates
27	MS-C	No	HL-302		9347	Revised emission rates
28	MS-C	No	HL-2301		9347	Revised emission rates
29	MS-C	No	HL-2302		9347	Revised emission rates
30	MS-C	No	HL-3301		9347	Revised emission rates
31	MS-C	No	HL-3302		9347	Revised emission rates
32	MS-C	No	CL-2681		9347	Correction of the source name
33	MS-C	No	PIT-2686		9347	Correction of the source name
34	MS-C	No	PIT-2685		9347	Correction of the source name
35	MS-C	No	MSSSPHERE		9347	Increases in the hourly and annual emissions rates
36	MS-C	No	MSSSOLV		9347	Increases in the hourly and annual emissions rates
37	MS-C	No	MSSSMISC		9347	Increases in the hourly and annual emissions rates
38	MS-C	Yes	UNLDGN	UA1	9347	Addition of a new unit
39	MS-C	Yes	UNLDGP	UA1	9347	Addition of a new unit
40	MS-C	Yes	UNLDGQ	UA1	9347	Addition of a new unit
41	MS-C	Yes	UNLDGR	UA1	9347	Addition of a new unit



42	MS-C	Yes	UNLDGS	UA1	9347	Addition of a new unit
43	MS-C	Yes	UNLDGT	UA1	9347	Addition of a new unit
44	MS-C	No	UNLDGA		9347	Revision of the number of loading events
45	MS-C	No	UNLDGB		9347	Revision of the number of loading events
46	MS-C	No	UNLDGC		9347	Revision of the number of loading events
47	MS-C	No	UNLDGD		9347	Revision of the number of loading events
48	MS-C	No	UNLDGE		9347	Revision of the number of loading events
49	MS-C	No	UNLDGF		9347	Revision of the number of loading events
50	MS-C	No	UNLDGG		9347	Revision of the number of loading events
51	MS-C	No	UNLDGH		9347	Revision of the number of loading events
52	MS-C	No	UNLDGJ		9347	Revision of the number of loading events
53	MS-C	No	UNLDGK		9347	Revision of the number of loading events
54	MS-C	No	UNLDGL		9347	Revision of the number of loading events
55	MS-C	No	UNLDGM		9347	Revision of the number of loading events
56	MS-C	Yes	TK2901E	UA1	9347	Addition of a new unit
57	MS-C	Yes	TK2901F	UA1	9347	Addition of a new unit

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

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

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

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

Pollutant	Description of the Change in Pollutant Emissions

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 1)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 2)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.  
◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 3)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.  
◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 4)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

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

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



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<b>III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)</b>	
<b>D. Loading and Unloading of VOCs (continued)</b>	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities</b>	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "No," go to Section III.F.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "No," go to Question III.E.9.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7. At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

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



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

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



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

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

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- ◆ For SOP applications, answer ALL questions unless otherwise directed.  
◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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

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



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

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

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

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

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



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- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

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

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

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

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

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



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

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



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

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

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

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

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

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



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

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



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

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

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

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

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



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

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

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



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

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

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>		
<b><i>Applicability (continued)</i></b>		
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>		<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>		<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.		<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.		<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i>		<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).		<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for</b>	
<b>N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)</b>	
<b>Applicability (continued)</b>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Containers, Drains, and other Appurtenances</b>	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations</b>	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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



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

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



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

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

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

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

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

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



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

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



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

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

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

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

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

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



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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
5.	The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No



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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)</b>		
14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
22.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.</b>	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation</b>	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. All site remediation activities are complete, and the Administrator has been notified in writing. <i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>		
<b>CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)</b>		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)</b>	
<b>DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities</b>	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities</b>	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> Yes <input type="checkbox"/> No



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

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

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



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

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<b>XI. Miscellaneous (continued)</b>	
<b>B. Forms</b>	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No," or "N/A," go to Section XI.C.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.  40 CFR Part 61 Subpart F; 40 CFR Part 63 Subpart HHHHHH	
<b>C. Emission Limitation Certifications</b>	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements</b>	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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<b>XI. Miscellaneous (continued)</b>		
<b>J. Title 30 TAC Chapter 101, Subchapter H (continued)</b>		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	5. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO <sub>x</sub> and is subject to 101.351(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	8. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>K. Periodic Monitoring</b>		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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

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



**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 86)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.  
◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 87)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 88)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

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

**XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)**

**E. PSD Permits and PSD Major Pollutants**

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX285M5	02/27/2018	PM, CO	PSDTX285M1	03/22/1989	
PSDTX285M4	07/22/1992		PSDTX671	12/13/1985	
PSDTX285M3	10/28/1991				
PSDTX285M2	03/02/1990				

*If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: [www.tceq.texas.gov/permitting/air/titleiv/site/site\\_experts.html](http://www.tceq.texas.gov/permitting/air/titleiv/site/site_experts.html).*

**F. Nonattainment (NA) Permits and NA Major Pollutants**

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

*If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: [www.tceq.texas.gov/permitting/air/titleiv/site/site\\_experts.html](http://www.tceq.texas.gov/permitting/air/titleiv/site/site_experts.html).*

**G. NSR Authorizations with FCAA § 112(g) Requirements**

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No	Issuance Date

**Application Area-Wide Applicability Determinations and General Information**  
**Form OP-REQ1 (Page 89)**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
08/21/2025	O1361	RN100213198

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

**XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)**

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
9347	09/23/2023				
140372	06/23/2025				
163618	01/28/2021				

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.227	09/04/2000	106.478	09/04/2000		
106.263	11/01/2001	106.511	3/14/1997		
106.264	09/04/2000				
106.371	09/04/2000				
106.393	09/04/2000				
106.452	09/04/2000				
106.454	11/01/2001				
106.472	09/04/2000				

- ◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

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

**Table 1a: Additions**

<b>Date:</b> 8/21/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Shintech Freeport Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
38	UNLDGN		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
39	UNLDGP		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
40	UNLDGQ		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
41	UNLDGR		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
42	UNLDGS		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
43	UNLDGT		R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)

56	TK2901E		63HHHH HHH-7	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	[G]§ 63.11910(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11910(a)-Table 3 § 63.11910(b) § 63.11910(c) [G]§ 63.11910(c) § 63.11910(d) § 63.11955(b) § 63.11985 § 63.11990
57	TK2901F		63HHHH HHH-7	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	[G]§ 63.11910(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11910(a)-Table 3 § 63.11910(b) § 63.11910(c) [G]§ 63.11910(c) § 63.11910(d) § 63.11955(b) § 63.11985 § 63.11990

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

**Table 1b: Additions**

<b>Date:</b> 7/25/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Freeport, Texas	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
38	UNLDGN	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
39	UNLDGP	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
40	UNLDGQ	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
41	UNLDGR	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
42	UNLDGS	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
43	UNLDGT	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

56	TK2901E	63HHHHHHH-7	112(B) HAPS	§ 63.11905 § 63.11910(a)(3) § 63.11910(c)(3)	§ 63.11910(a)(4) § 63.11990(a) [G]§ 63.11990(b) [G]§ 63.11995	[G]§ 63.11895 § 63.11896(d) § 63.11910(c)(4) § 63.11985(a)(1) § 63.11985(b)(1)
57	TK2901F	63HHHHHHH-7	112(B) HAPS	§ 63.11905 § 63.11910(a)(3) § 63.11910(c)(3)	§ 63.11910(a)(4) § 63.11990(a) [G]§ 63.11990(b) [G]§ 63.11995	[G]§ 63.11895 § 63.11896(d) § 63.11910(c)(4) § 63.11985(a)(1) § 63.11985(b)(1)



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

**Table 2a: Deletions**

<b>Date:</b> 8/21/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Shintech Freeport Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	LV-5		63HHHHH HH-3	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	§ 63.11880(a)-Table 1.1 § 63.11880(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11925(a) § 63.11925(b) [G]§ 63.11930 [G]§ 63.11935(d) [G]§ 63.11940(b) [G]§ 63.11945 § 63.11985 § 63.11990

23	TK-455G		R5140-1	VOC	30 TAC Chapter 115, Industrial Wastewater	§ 115.142(1) § 115.142 § 115.142(1)(A) § 115.142(1)(B) § 115.142(1)(C) § 115.142(1)(E) § 115.142(1)(G) [G]§ 115.142(1)(H) [G]§ 115.148
23	TK-455G		63HHHHH HH-11	112(B) HAPS	40 CFR Part 63, Subpart HHHHHHH	§ 63.11880(a)-Table 1.4 § 63.11880(a) § 63.11880(c) § 63.11890(a) § 63.11890(b) [G]§ 63.11890(c) [G]§ 63.11896 § 63.11935(d)(3) [G]§ 63.11965 [G]§ 63.11970 [G]§ 63.11975 § 63.11985
2	TK502A		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
3	TK502B		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
4	TK502C		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)
5	TK502D		R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)

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

**Table 2b: Deletions**

<b>Date:</b> 7/25/2025	<b>Regulated Entity No.:</b> RN10023198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated	<b>Area Name:</b> Shintech Freeport Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	LV-5		63HHHHHHH-3	112(B) HAPS	§ 63.11905 [G]§ 63.11925(c) § 63.11925(d) § 63.11925(e) § 63.11930(d)(1) § 63.11930(d)(2) § 63.11930(e)(1) [G]§ 63.11930(e)(2) § 63.11930(e)(3) [G]§ 63.11935(b) [G]§ 63.11940(b) § 63.11945(a) § 63.11945(a)-Table 8 [G]§ 63.11945(b)	§ 63.11925(g) [G]§ 63.1193(d) § 63.11930() § 63.11930(d)(3) § 63.11930(e)(4) [G]§ 63.11930(g) § 63.11935(e) § 63.11990(a) [G]§ 63.11995	[G]§ 63.11895(a) § 63.11896(d) [G]§ 63.11945(b) § 63.11985(a)(4) § 63.11985(a)(5) § 63.11985(b)(10) § 63.11985(b)(4) § 63.11985(b)(5) § 63.11985(b)(9)
23	TK-455G		R5140-1	VOC	[G]§ 115.142(1)(H) [G]§ 115.144(1) § 115.144(3)(H) § 115.144(5) § 115.145 § 115.145(1) § 115.145(10) [G]§ 115.145(2) [G]§ 115.145(3)	[G]§ 115.142(1)(H) § 115.144(3)(H) § 115.146(1) § 115.146(2) § 115.146(3) § 115.146(4)	None

					§ 115.145(4) § 115.145(5) § 115.145(6) § 115.145(7) § 115.145(9) [G]§ 115.148		
23	TK-455G		63HHHHH HH-11	112(B) HAPS	§ 63.11905 [G]§ 63.11965(b) [G]§ 63.11965(f)(1) [G]§ 63.11970 [G]§ 63.11975(b) [G]§ 63.11975(c) [G]§ 63.11980	§ 63.11965(f) § 63.11990(a) § 63.11990(i) [G]§ 63.11995	[G]§ 63.11895 § 63.11896(c) § 63.11896(d) § 63.11985(a) [G]§ 63.11985(a)(8) § 63.11985(a)(9)(vii) § 63.11985(b) § 63.11985(b)(11) § 63.11985(b)(12) § 63.11985(b)(4)(iii) § 63.11985(b)(8) [G]§ 63.11985(c)
2	TK502A		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
3	TK502B		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
4	TK502C		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
5	TK502D		R5121-2	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

**Texas Commission on Environmental Quality**  
**Miscellaneous Unit Attributes**  
**Form OP-UA1 (Page 1)**  
**Federal Operating Permit Program**

Date:	8/21/2025
Permit No.:	O1361
Regulated Entity No.:	RN10023198

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
TK2901E	63HHHHHHH-7	EP	FCD+			VCM Storage Sphere MSS includes TK2901 A-D, TK3901 A-B
TK2901F	63HHHHHHH-7	EP	FCD+			VCM Storage Sphere MSS includes TK2901 A-D, TK3901 A-B
UNLDGN	R5121-3	EP	FCD+			VCM unloading stations
UNLDGP	R5121-3	EP	FCD+			VCM unloading stations
UNLDGQ	R5121-3	EP	FCD+			VCM unloading stations
UNLDGR	R5121-3	EP	FCD+			VCM unloading stations

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
UNLDGS	R5121-3	EP	FCD+			VCM unloading stations
UNLDGT	R5121-3	EP	FCD+			

**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.
8/21/2025	O1361	RN10023198

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	LV-5		Incinerator		9347	PSDTX285M5
D	2	TK502A		Plant 1 Silo		9347	PSDTX285M5
D	3	TK502B		Plant 1 Silo		9347	PSDTX285M5
D	4	TK502C		Plant 1 Silo		9347	PSDTX285M5
D	5	TK502D		Plant 1 Silo		9347	PSDTX285M5
D	23	TK-455G		Cushion Tank		9347	PSDTX285M5
A	38	UNLDGN	UA1	VCM Unloading Station		9347	PSDTX285M5
A	39	UNLDGP	UA1	VCM Unloading Station		9347	PSDTX285M5
A	40	UNLDGQ	UA1	VCM Unloading Station		9347	PSDTX285M5
A	41	UNLDGR	UA1	VCM Unloading Station		9347	PSDTX285M5
A	42	UNLDGS	UA1	VCM Unloading Station		9347	PSDTX285M5
A	43	UNLDGT	UA1	VCM Unloading Station		9347	PSDTX285M5
A	56	TK2901E	UA1	VCM Storage Sphere		9347	PSDTX285M5
A	57	TK2901F	UA1	VCM Storage Sphere		9347	PSDTX285M5



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

[Table 2](#)

Date	Permit No.	Regulated Entity No.
8/21/2025	O1361	RN10023198

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
1	LV-5		D	GRP-INCIN
2	TK-502A		D	GRP-PLT1SILO
3	TK-502B		D	GRP-PLT1SILO
4	TK-502C		D	GRP-PLT1SILO
5	TK-502D		D	GRP-PLT1SILO
23	TK-455G		D	GRP-WASTEWTR
38	UNLDGN	UA1	A	GRP-VCMUNLDG
39	UNLDGP	UA1	A	GRP-VCMUNLDG
40	UNLDGQ	UA1	A	GRP-VCMUNLDG
41	UNLDGR	UA1	A	GRP-VCMUNLDG
42	UNLDGS	UA1	A	GRP-VCMUNLDG
43	UNLDGT	UA1	A	GRP-VCMUNLDG

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

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

Page \_\_\_\_ of \_\_\_\_

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
56	TK2901E	UA1	A	GRP-SPHERE
57	TK2901F	UA1	A	GRP- SPHERE

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

<b>Date:</b> 08/21/2025	<b>Regulated Entity No.:</b> RN100213198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated		<b>Area Name:</b> Freeport, Texas

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

**Part 1**

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

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

<b>Date:</b> 08/21/2025	<b>Regulated Entity No.:</b> RN100213198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated		<b>Area Name:</b> Freeport, Texas

**Part 2**

<b>A. Compliance Schedule</b>		
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.		
<b>1. Specific Non-Compliance Situation</b>		
Unit/Group/Process ID No.(s):		
SOP Index No.:		
Pollutant:		
<b>Applicable Requirement</b>		
<b>Citation</b>		<b>Text Description</b>
<b>2. Compliance Status Assessment Method and Records Location</b>		
<b>Citation</b>	<b>Text Description</b>	<b>Location of Records/Documentation</b>
<b>3. Non-compliance Situation Description</b>		
<b>4. Corrective Action Plan Description</b>		
<b>5. List of Activities/Milestones to Implement the Corrective Action Plan</b>		

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

<b>Date:</b> 08/21/2025	<b>Regulated Entity No.:</b> RN100213198	<b>Permit No.:</b> O1361
<b>Company Name:</b> Shintech Incorporated		<b>Area Name:</b> Freeport, Texas

**Part 2 (continued)**

6. Previously Submitted Compliance Plan(s)		
Type of Action		Date Submitted
"Otherwise" enter "N/A"		
7. Progress Report Submission Schedule		

**Reset Form**

**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

<b>I. Identifying Information</b>
RN: 100213198
CN: 600128425
Account No.: BL-0051-F
Permit No.: 01361
Project No.:
Area Name: Shintech Freeport Plant
Company Name: Shintech Incorporated
<b>II. Certification Type (Please mark appropriate box)</b>
<input type="checkbox"/> Designated Representative <input checked="" type="checkbox"/> Alternated Designated Representative
<b>III. Requirement and Submittal Type (Please mark the appropriate boxes for each row)</b>
Requirement: <input type="checkbox"/> Acid Rain Permit <input type="checkbox"/> Cross-State Air Pollution Rule (CSAPR)
Submittal Type: <input type="checkbox"/> Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input checked="" type="checkbox"/> Permit Revision or Renewal <input type="checkbox"/> Other:

**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

**IV. Certification of Truth**

I, Paul Spinks

certify that I am the

DAR

*(Certifier Name printed or typed)*

*(RO or DAR)*

am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment. The above certification is for the statements and information dated during the time period or on the specific date(s) below:

*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 \_\_\_\_\_

to \_\_\_\_\_

*(Start Date)*

*(End Date)*

Specific Dates: \_\_\_\_\_

*(Date 1)*

*(Date 2)*

*(Date 3)*

*(Date 4)*

*(Date 5)*

*(Date 6)*

Signature: \_\_\_\_\_

Signature Date: \_\_\_\_\_

8/21/2025

Title: \_\_\_\_\_

SHINTECH FREIGHT SITE MANAGER