

Document Control Sheet

Sheet Title:	AIR OP - OLS
Box ID:	23832
Control Sheet ID:	0000-0000-0055-5089
Record Series Name:	AIR / Federal Operating Permit
Record Series:	AIR OP
Primary ID:	1610
Secondary ID:	31926
Doc Type:	Permits
Security:	Public
Date:	1/26/2022 12:00AM
Title:	Project File Folder
Tertiary ID	

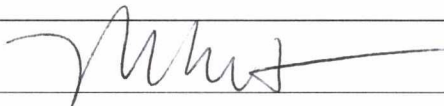
Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

AIR PERMITS DIVISION

AUG 17 2021

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

I. Identifying Information					
RN: RN100211317		CN: CN605004464		Account No.: HG-0696-Q	
Permit No.: O1610			Project No.: 31926		
Area Name: Baytown Plant			Company Name: Eco Services Operations Corp.		
II. Certification Type <i>(Please mark the appropriate box)</i>					
<input type="checkbox"/> Responsible Official			<input checked="" type="checkbox"/> Duly Authorized Representative		
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input checked="" type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
IV. Certification of Truth					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>Michael Marchut</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i>					
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From <u>06/07/21</u> to <u>08/05/21</u> <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></u>		Signature Date: <u>8/11/21</u>			
Title: <u>Plant Manager</u>					

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MAR 14 2022

**TCEQ
CENTRAL FILE ROOM**

Jasmine Yuan

From: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Sent: Thursday, July 8, 2021 4:10 PM
To: Jasmine Yuan
Cc: John Richardson(BatonRouge); Michael Marchut(Baytown)
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant
Attachments: OP-REQ3 2021_0707.pdf; OP-UA3 GRP 2021_0701.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Jasmine,

Please see the responses below and attached for comments to the draft as well as the updates needed to GRPACIDTNK.

- Group ID GRPACIDTNK
 - Updated OP-UA3 and OP-REQ3 forms are attached.
- Applicable Requirements Summary
 - Unit ID WELDING - Need to add Ch. 117 NOx. Please see original OP-REQ3 and OP-UA2 forms submitted on February 3, 2021.
 - Unit IDs T-18 and T-19 – Need to add Standard §115.112(e)(3)(A)(ii) to SOP Index No. R5112-0006
- CAM
 - Unit IDs T-18 and T-19 for NSPS Kb – Need to update to Control Device ID to PROREGEN
 - It had been determined Ch. 115 control requirements are not applicable to GRPACIDTNK, therefore please remove the previously submitted CAM requirements.
- New Source Review Authorization References
 - Add the following PBRs per OP-REQ1 submitted in February.
 - PBR No.: 106.263 Version No./Date: 11/01/2001
 - PBR No.: 106.265 Version No./Date: 09/04/2000
 - PBR No.: 106.454 Version No./Date: 11/01/2001
 - PBR No.: 106.511 Version No./Date: 09/04/2000
 - Remove the following PBR
 - PBR No.: 106.262 Version No./Date: 09/04/2000
- Major NSR Summary Table
 - Add SC 17 to Monitoring and Recordkeeping to EPN EMSCRUBSTK

Please reach out to me with any other questions.

Thanks,

Rock Demarais
ECOSERVICES

Environmental Specialist
Eco Services Operations Corp.
8615 Manchester St.
Houston, TX 77012
Mobile: (281) 730-2885
Office: (713) 924- 1434
Rock.Demarais@Eco-Services.com

-

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Wednesday, June 30, 2021 2:49 PM
To: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Cc: John Richardson(BatonRouge) <John.Richardson@eco-services.com>; Michael Marchut(Baytown) <Michael.Marchut@eco-services.com>
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant

Thanks for letting me know.
July 8 is good!

From: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Sent: Wednesday, June 30, 2021 2:01 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: John Richardson(BatonRouge) <John.Richardson@eco-services.com>; Michael Marchut(Baytown) <Michael.Marchut@eco-services.com>
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant

Jasmine,

I had someone I needed help from on this on vacation and am going to need a little more time with reviewing this. Can we give you an update on this and the other SOP draft on 7/8?

Thanks,
Rock

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Wednesday, June 16, 2021 12:53 PM
To: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Cc: John Richardson(BatonRouge) <John.Richardson@eco-services.com>; Michael Marchut(Baytown) <Michael.Marchut@eco-services.com>
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant

Hello Rock,
I created the permit draft for you to review (pls look closely to the CAM/PM section). Please provide your comments within 14 days or sooner, due 07/01/2021.

In addition, there was an error on UA3, Table 4b, Control Device Type code for group GRPACIDTNK in your application. It should be DIRINC (Direct-flame incinerator), instead of VDU (Other vapor destruction), which matches your control device information (PRO-REGEN, DIRFLM) on OP-MON.

Please submit updated UA3 Table 4 for this group.

If you do not have comments on the permit draft, you can send me the OP-CRO1 (email electronic version first) to certify all your updates after the application submittal.

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

Date: 7/8/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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)
	GRPACIDTNK	OP-UA3	R5112-0001	VOC	Chapter 115	§115.111(a)(1)

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

Table 1b: Additions

Date: 7/8/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRPACIDTNK	R5112-0001	VOC	[G]§115.117	§115.118(a)(1), (a)(5), (a)(7) §115.118(a)(6)(A)	

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

Date: 7/8/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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)
	GRPACIDTNK	OP-UA3	R5112-0001	VOC	Chapter 115	§115.111(a)(1)

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

Table 1b: Additions

Date: 7/8/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRPACIDTNK	R5112-0001	VOC	[G]§115.117	§115.118(a)(1), (a)(5), (a)(7) §115.118(a)(6)(A)	

Jasmine Yuan

From: Alfredo Mendoza
Sent: Friday, June 11, 2021 5:46 PM
To: Jasmine Yuan
Subject: Re: project 31926 PM/CAM link

Follow Up Flag: Follow up
Flag Status: Flagged

Jasmine,

The applicant should have provided the rationale for the case-by-case monitoring in the application submittal. We should not have to write it for them in the Statement of Basis. However, I am providing the following language you can use in the Statement of Basis for the 30 TAC Chapter 117 case-by-case monitoring:

It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. Emissions calculations were provided that demonstrate that the hourly CO emission rate calculated using the fuel flow rate and emission factors demonstrate compliance with the 30 TAC Chapter 117, Subchapter B 4 CO concentration limit of 400 ppmv.

Thanks,
Alfredo

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Wednesday, June 9, 2021 7:21 PM
To: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Subject: RE: project 31926 PM/CAM link

Hello Alfredo,
Do you have suggestion about the statement basis for the case by case PM?
Thank you!
Jasmine

From: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Sent: Wednesday, June 9, 2021 9:10 AM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Subject: Re: project 31926 PM/CAM link

Jasmine,

I am approving the case-by-case periodic monitoring for PKGBOILSTK and PREHRTSTK on the condition that the applicant submits the appropriate emission calculations that would document that the fuel flow heat input rate and emission factors would be less than the CO emission limitation of 400 ppmv. They should have the emission calculations from the NSR permit application.

I do not approve the removal of the NSPS Kb periodic monitoring due to the submittal of a NSPS Kb operating plan as described in 40 CFR §60.113b(c)(1)(i)-(ii). While NSPS Kb requires the submittal and approval of the operating plan by the EPA Administrator for a closed vent system and control device, the regulation still lacks the specific monitoring parameters and monitoring frequency that would provide an assurance of compliance. The periodic monitoring tables should reflect the details in the operating plan. If your applicant disagrees, then you will have to forward this email to Elizabeth who will have to send it up the management chain for a decision on whether the operating plan in NSPS Kb is sufficient for periodic monitoring purposes.

To my knowledge, no other company has used this as a reason not to submit periodic monitoring requirements for closed vent systems and control devices for NSPS Kb. For transparency purposes, I feel that it is appropriate to list the details of the operating plan in the periodic monitoring tables with the appropriate monitoring parameters, monitoring frequency, and deviation limit for enforceability purposes. EPA and the public have been commenting on our permits for either the lack of sufficient monitoring or the lack of specificity.

Thanks,
Alfredo

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Tuesday, June 8, 2021 4:00 PM
To: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Subject: RE: project 31926 PM/CAM link

Hello Alfredo,

For this project, the applicant submitted two case by case PMs for units **PKGBOILSTK** and **PREHRTSTK**. I am attaching the OP-MON for you to review. They are on the last four pages.

In addition, units T-18 and T-19 are subject to PM for NSPS Kb index 60Kb-002 and 60Kb-003. However, applicant said “

“Additionally, a Kb operating plan will be submitted under separate cover per 60.113b(c)(2). Therefore, Eco Services requests to rescind the previously submitted OP-MON form for Kb PM applicability for T-18 and T-19 (Index No. 60Kb-002/003).”.

If it is okay, what should I do? 1) remove all the UA3 Kb attributes to remove all 60Kb index, or 2) Keep 60Kb index , but disapprove all the PM in the IMS for index 60Kb-002/003?
Does the applicant meant to submit another minor revision?

Thank you!
Jasmine

From: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Sent: Friday, May 21, 2021 4:15 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Subject: RE: project 31926 PM/CAM link

Jasmine,

- Solution set 7-580 is restricted to other vapor destruction units (VDUs) or other control device types. CAM-TI-001 is for thermal incinerators or oxidizers which would not be appropriate based on the control device type for this solution set. CAM-VC-001 for vapor combustors that do not meet the definition of an incinerator under 30 TAC Chapter 115 is already associated to this solution set which

may be more appropriate. If the control device is an incinerator (which also includes oxidizers), then the control device type should be updated on the OP-UA3 where CAM-TI-001 is already associated to incinerator control device types. The definition of an incinerator in Chapter 115 is “(23) Incinerator-- For the purposes of this chapter, an enclosed control device that combusts or oxidizes volatile organic compound gases or vapors.”

- Solution set 7-580 does not require periodic monitoring as 115.115(a)(6) requires the continuous monitoring of control device operating parameters for control devices not specified in 115.115(a)(1)-(5). If the applicant wants to add periodic monitoring, you will have to do this as a case-by-case requirement.
- Solution set 7-537 does not require periodic monitoring as this solution set already includes continuous monitoring of the exhaust gas VOC concentration of a carbon adsorption system as stated in 115.115(a)(3)(A). If the applicant wants to add periodic monitoring, you will have to do this as a case-by-case requirement.
- I agree to associate PM-V-013 to solution set 20-239 for 40 CFR Part 60, Subpart Kb.

Thanks,
Alfredo

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Friday, May 21, 2021 2:24 PM
To: Alfredo Mendoza <alfredo.mendoza@tceq.texas.gov>
Subject: project 31926 PM/CAM link

Hello Alfredo,

I am unable to remove the AMR * by linking the requirements and monitoring for units T-18 and T-19.

I am thinking it is caused by no link between PM/CAM and requirements. Please take a look.

The links should be

CAM-TI-001 Solution set 7-580

PM-V-008 solution set to 7-580

PM-V-013 Solution set 20-239 and 7-537

Thank you!

Jasmine

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0002		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: PRO-REGEN		
Control Device Type: DIRFLM		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0002		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: PRO-REGEN		
Control Device Type: DIRFLM		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 14		
Unit/EPN/Group/Process ID No.: GRPACIDTNK		
Applicable Form:		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0002		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(i)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: PRO-REGEN		
Control Device Type: DIRFLM		

*Q: if meet CAM criteria
NO*

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: PKGBOILSTK		
Applicable Form:		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 117, Subchapter B		
SOP/GOP Index No.: R7ICI-0001		
Pollutant: CO		
Main Standard: § 117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: A fuel flow that exceeds a calculated heat input of 35 MMBtu/hr shall be considered and reported as a deviation.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Fuel flow rate and hours of operation		Minimum Frequency: Monthly

I. Identifying Information
Averaging Period: N/A
Periodic Monitoring Text: Measure and record the fuel flow rate when the boiler is in operation. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures.
The fuel flow rate shall be used in conjunction with the permitted NSR CO emission factor to demonstrate compliance with the NSR MAERT limitations, which corresponds to a CO concentration less than 30 TAC Chapter 117 CO emission limitation of 400 ppmv.

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 13		
Unit/EPN/Group/Process ID No.: PREHRTSTK		
Applicable Form:		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 117, Subchapter B		
SOP/GOP Index No.: R7ICI-0001		
Pollutant: CO		
Main Standard: § 117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: A fuel flow that exceeds a calculated heat input of 30 MMBtu/hr shall be considered and reported as a deviation.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Fuel flow rate and hours of operation		Minimum Frequency: Monthly

I. Identifying Information

Averaging Period: **N/A**

Periodic Monitoring Text: Measure and record the fuel flow rate when the preheater is in operation. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures.

The fuel flow rate shall be used in conjunction with the permitted NSR CO emission factor to demonstrate compliance with the NSR MAERT limitations, which corresponds to a CO concentration less than 30 TAC Chapter 117 CO emission limitation of 400 ppmv.

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

Date:	06/07/2021							
Permit No.:	O1610							
Regulated Entity No.:	RN100211317							
Company Name:	Eco Services Operations Corp.							
For Submissions to EPA								
Has a copy of this application been submitted (or is being submitted) to EPA?								✓ YES <input type="checkbox"/> NO
I. Application Type								
Indicate the type of application:								
<input checked="" type="checkbox"/> Renewal <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) <input type="checkbox"/> Significant Revision <input type="checkbox"/> Revision Requesting Prior Approval <input type="checkbox"/> Administrative Revision <input type="checkbox"/> Response to Reopening								
II. Qualification Statement								
For SOP Revisions Only The referenced changes qualify for the marked revision type.								✓ YES <input type="checkbox"/> NO
For GOP Revisions Only The permitted area continues to qualify for a GOP.								<input type="checkbox"/> YES <input type="checkbox"/> NO
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:								
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPs	Other
Major at the site (YES/NO):	No	Yes	Yes	No	No	No	No	No
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 <input type="checkbox"/> NO <input type="checkbox"/> N/A
V. Delinquent Fees and Penalties								
Notice: This form will not be processed until all delinquent fees and/or penalties owed 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.								

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

Date:	06/07/2021					
Permit No.:	O1610					
Regulated Entity No.:	RN100211317					
Company Name:	Eco Services Operations Corp.					
I. Description of 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	YES	T-18	OP-UA3	PBR 155134	Add New Tank to Title V permit.
2	MS-C	YES	T-19	OP-UA3	PBR 155134	Add New Tank to Title V permit.
3	MS-C	YES	ENG1	OP-UA2	PBR 106.512	Add new engine to Title V permit
4	MS-C	YES	SCRUB-VCU	OP-UA35	PBR 155134	Add Caustic Scrubber and Vapor Combustor Operating in Series to Title V permit.
5	MS-C	YES	T-DIESLVNT	OP-UA3	PBR 106.412	Documenting applicability attributes for diesel tank to 30 TAC Chapter 115 and 40 CFR 60 Subpart Kb
6	MS-C	YES	T-GASLMVNT	OP-UA3	PBR 106.412	Documenting applicability attributes for diesel tank to 30 TAC Chapter 115 and 40 CFR 60 Subpart Kb
7	MS-C	YES	FUG-AAG	OP-UA12	9565	Documenting applicability attributes for fugitives to 30 TAC Chapter 115
8	MS-C	YES	DEGREASER	OP-UA16	PBR 106.454	Documenting applicability attributes for degreaser to 30 TAC Chapter 115
9	MS-C	YES	WELDING	OP-UA2	PBR 106.227	Add welding engine to Title V permit

TCEQ-10059 (v26, revised 10/200) OP-2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

Page ____ of ____

Date:	06/07/2021					
Permit No.:	O1610					
Regulated Entity No.:	RN100211317					
Company Name:	Eco Services Operations Corp.					
10	MS-C	YES	SCRUB-CAS	OP-UA3	PBR 155134	Add Caustic Scrubber and Carbon Adsorption System Operating in Series to Title V permit.
11	MS-C	YES	FUG-18/19	OP-UA12	PBR 155134	Documenting applicability attributes for fugitives to 30 TAC Chapter 115
12	MS-B	NO	PKGBOILSTK	OP-MON	106.183/09/04/2000	Add Periodic Monitoring
13	MS-B	NO	PREHRTSTK	OP-MON	106.183/09/04/2000	Add Periodic Monitoring
14	MS-B	NO	GRPACIDTNK	OP-MON	NSR 56534	Add Compliance Assurance Monitoring
15	MS-C	NO	T-16	OP-SUMR	NSR 56534	Remove unit from Title-V permit

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

Date:	06/07/2021		
Permit No.:	O1610		
Regulated Entity No.:	RN100211317		
Company Name:	Eco Services Operations Corp.		
I. Significant Revision <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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish			
C. Will there be a change in air pollutant emissions as a result of the significant revision			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. 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		

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

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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	T-18	OP-UA3	R5112-0002	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
1	T-18	OP-UA3	R5112-0003	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
1	T-18	OP-UA3	R5112-0006	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
2	T-19	OP-UA3	R5112-0002	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
2	T-19	OP-UA3	R5112-0003	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
2	T-19	OP-UA3	R5112-0006	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)

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

Table 1b: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1541
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	T-18	R5112-0002	VOC	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None.
1	T-18	R5112-0003	VOC	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None.
1	T-18	R5112-0006	VOC	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(A) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(c) § 115.118(a)(4)(c)(i) § 115.118(a)(5) § 115.118(a)(7)	None.
2	T-19	R5112-0002	VOC	§ 115.115(a) § 115.115(a)(1) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(A) § 115.118(a)(5) § 115.118(a)(7)	None.
2	T-19	R5112-0003	VOC	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None.
2	T-19	R5112-0006	VOC	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(A) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(c) § 115.118(a)(4)(c)(i) § 115.118(a)(5) § 115.118(a)(7)	None.

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

Table 1

Date	Permit No.	Regulated Entity No.
06/07/2021	O1610	RN100211317

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	1	T-18	OP-UA3	Spent Acid Tank 18	Y	106.261, 106.262/11/1/2003 [155134]	
A	2	T-19	OP-UA3	Spent Acid Tank 19	Y	106.261, 106.262/11/1/2003 [155134]	
A	3	ENG1	OP-UA2	Air Compressor Engine		106.512/06/13/2001	
A	4	SCRUB-VCU	OP-UA35	Caustic Scrubber and Vapor Combustor Operating in Series		106.261, 106.262/11/1/2003 [155134]	
	5	T-DIESLVNT	OP-UA3	Diesel Tank		106.412/9/4/2000	
	6	T-GASLMVNT	OP-UA3	Gasoline Tank		106.412/9/4/2000	
	7	FUG-AAG	OP-UA12	Amine Acid Gas Fugitive Emissions		NSR 9565	
	8	DEGREASER	OP-UA16	Solvent Degreaser		106.454/11/1/2001	

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

Table 1

Date	Permit No.	Regulated Entity No.
01/29/2021	O1610	RN100211317

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	9	WELDING	OP-UA2	Welding Engine		106.227/9/4/2000	
A	10	SCRUB-CAS	OP-UA3	Caustic Scrubber and Carbon Adsorption System Operating in Series		106.261, 106.262/11/1/2003 [155134]	
	11	FUG-18/19	OP-UA12	T18, T19 and Closed Vent System Fugitive Emissions		106.261, 106.262/11/1/2003 [155134]	
	14	T-5	OP-MON	Spent Acid Storage Tank	Y	NSR 56534	
	14	T-6	OP-MON	Spent Acid Storage Tank	Y	NSR 56534	
	14	T-7	OP-MON	Spent Acid Storage Tank	Y	NSR 56534	
	14	T-8	OP-MON	Spent Acid Storage Tank	Y	NSR 56534	
D	15	T-16		Spent Acid Storage Tank		NSR 56534	

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

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Control Device ID No.
T18	60Kb-001	VOL	40K+	0.75-11.1	CVS-CD			PRO-REGEN
T18	60Kb-002	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-VCU
T18	60Kb-003	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-CAS
T19	60Kb-001	VOL	40K+	0.75-11.1	CVS-CD			PRO-REGEN
T19	60Kb-002	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-VCU
T19	60Kb-003	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-CAS
T-DIESLVNT	60Kb-004	VOL	10K-					
T-GASLMVNT	60Kb-004	VOL	10K-					

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

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
T18	R5112-0002	NO		VOC1	A40K+			
T18	R5112-0003	NO		VOC1	A40K+			
T18	R5112-0006	NO		VOC1	A40K+			
T19	R5112-0002	NO		VOC1	A40K+			
T19	R5112-0003	NO		VOC1	A40K+			
T19	R5112-0006	NO		VOC1	A40K+			
T-DIESLVNT	R5112-0005	NO		VOC1	A1K-			
T-GASLMVNT	R5112-0005	NO		VOC1	A1K-			

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

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
T18	R5112-0002		SPVRS1	1.5+A			DIRINC	PRO-REGEN
T18	R5112-0003		SPVRS1	1.5+A			VDU	SCRUB-VCU
T18	R5112-0006		SPVRS1	1.5+A			CAS	SCRUB-CAS
T19	R5112-0002		SPVRS1	1.5+A			DIRINC	PRO-REGEN
T19	R5112-0003		SPVRS1	1.5+A			VDU	SCRUB-VCU
T19	R5112-0006		SPVRS1	1.5+A			CAS	SCRUB-CAS

Jasmine Yuan

From: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Sent: Wednesday, June 16, 2021 5:59 AM
To: Jasmine Yuan
Cc: John Richardson(BatonRouge); Michael Marchut(Baytown)
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant
Attachments: OP-REQ1 2021_0610.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Jasmine,

Please see the replies in green below for your questions.

Thanks,

Rock Demarais
ECOSERVICES
Environmental Specialist
Eco Services Operations Corp.
8615 Manchester St.
Houston, TX 77012
Mobile: (281) 730-2885
Office: (713) 924- 1434
Rock.Demarais@Eco-Services.com



From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Wednesday, June 9, 2021 7:05 PM
To: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Cc: John Richardson(BatonRouge) <John.Richardson@eco-services.com>; Michael Marchut(Baytown) <Michael.Marchut@eco-services.com>
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant

The PSD permit's most recent permitting action (change of ownership) should be 08/14/2020 instead of 6/2/16. I understand the permit action on 08/14/2020 might not touch PSD parts, but NSR and PSD are bundled into one permit. They are in the same permit face and conditions/MRT. Therefore please update OP-REQ1 page 86 for PSD issuance date. Thank you for clarifying. Attached please find the OP-REQ1 page updated to an issuance date of 08/14/2020 for Permit No.: PSDTX695M3.

Second, we are not quite understanding what you mean by "Additionally, a Kb operating plan will be submitted under separate cover per 60.113b(c)(2). Therefore, Eco Services requests to rescind the previously submitted OP-MON form for Kb PM applicability for T-18 and T-19 (Index No. 60Kb-002).".

What is the separate cover you are going to submit? Another minor revision?

I talked to our section technical specialist Alfredo Mendoza about your comment. He said he did not approve the removal of the NSPS Kb periodic monitoring due to the submittal of a NSPS Kb operating plan as described in 40 CFR §60.113b(c)(1)(i)-(ii). While NSPS Kb requires the submittal and approval of the operating plan by the EPA Administrator for a closed vent system and control device, the regulation still lacks the specific monitoring parameters and monitoring frequency that would provide an assurance of compliance. The periodic monitoring tables should reflect the details in the operating plan.

To his knowledge, no other company has used this as a reason not to submit periodic monitoring requirements for closed vent systems and control devices for NSPS Kb. For transparency purposes, he feels that it is appropriate to list the details of the operating plan in the periodic monitoring tables with the appropriate monitoring parameters, monitoring frequency, and deviation limit for enforceability purposes. EPA and the public have been commenting on our permits for either the lack of sufficient monitoring or the lack of specificity.

If you agree with what he says, I will keep the PM for the Kb index as your first proposed.
We agree with Alfredo Mendoza's assessment. Please keep PM requirements for Kb as-is.

If you disagrees what his says, we will rise it management chain for a decision on whether the operating plan in NSPS Kb is sufficient for periodic monitoring purposes.

Third, unit WELDING Index 60IIII-02 may contain wrong attributes on UA2 Table 5a. I believe the Manufacture Date should be 0406- Date of manufacture was on or prior to 04/01/2006.

The engine was constructed after 2005. The engine manufacture date should be before 2006. Right?

If so, please update the WELDING UA2 Table 5A.

We believe this should be correct as submitted. The engine was manufactured on September 2006. The construction date we listed was after 7/11/2005 and the manufacture date after 4/1/2006 based on the options are before or after these dates. However, please let us know if you had something else in mind.

Please respond within 7 days, due 06/16/201.
Thank you!
Jasmine Yuan

From: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>
Sent: Monday, June 7, 2021 1:56 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: John Richardson(BatonRouge) <John.Richardson@eco-services.com>; Michael Marchut(Baytown) <Michael.Marchut@eco-services.com>
Subject: RE: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant

Jasmine,

Please find attached updated forms and responses in blue below for all your questions.
Please reach out to me with any additional questions.

Thanks,

Rock Demarais
ECOSERVICES

Environmental Specialist
Eco Services Operations Corp.
8615 Manchester St.
Houston, TX 77012
Mobile: (281) 730-2885
Office: (713) 924- 1434
Rock.Demarais@Eco-Services.com



From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Sent: Friday, May 21, 2021 6:16 PM

To: Rock Demarais(Houston) <Rock.Demarais@eco-services.com>

Subject: Technical Review -- FOP O1610/Project 31926, Eco Services Operations Corp./Bayport Plant

Hello Rock,

I have been assigned to the Federal Operating Permit (FOP) renewal permit application of Permit No. O1610 for Eco Services Operations Corp./Bayport Plant. This application has been assigned Project No. 31926. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

Upon review, I found the following deficiencies:

1. DEGREASER: OP-2 indicated the unit is on UA2. But it is on UA16. OP-SUMR should include the unit to indicate the PCA and unit name. Please submit updated OP-2 and OP-SUMR.
 1. OP-2 and OP-SUMR have been updated accordingly. Unit DEGREASER is not being added to the permit. It is included only to document non-applicability.
2. You have control device ID 1. But no UA form submitted for it. OP-SUMR and OP-2 do not contain unit I.
 1. Updated Control Device ID to PRO-REGEN (furnace) on OP-UA3 and OP-MON (Ch. 115 CAM).
3. OP-SUMR does not include FUG-18/19. Please update to include the unit as I need the name of the unit.
 1. OP-SUMR has been updated accordingly. Unit FUG-18/19 is not being added to the permit. It is included only to document non-applicability.
4. FUG-AGG is missing on the OP-SUMR. Please update.
 1. OP-SUMR has been updated accordingly. Unit FUG-AAG is not being added to the permit. It is included only to document non-applicability.
5. SCRUB-CAS is missing from UA3. OP-2 shows it is on UA3.
 1. SCUB-CAS appears on OP-UA3 as a Control Device ID.
6. T-DIESLVNT and T-GASLMVNT are missing from OP-SUMR. Please update.
 1. OP-SUMR has been updated accordingly. Units T-DIESLVNT and T-GASLMVNT are not being added to the permit. They are included only to document non-applicability.

7. Periodic Monitoring is required for units PKGBOILSTK and PREHRTSTK for Index number R7ICI-0001, pollutant CO. please submit OP-MON for the PM.
 1. An OP-MON form documenting Ch.117 PM is attached for both units.
8. Please confirm no CAM needed for T-5, T-6, T-7, T-8, T-16.
 1. An OP-MON form documenting Ch. 115 CAM for tanks T-5, T-6, T-7, T-8 (GRPACIDTNK) is attached.
 2. T-16 has been removed from the NSR permit. Therefore OP-2 and OP-SUMR have been updated to request its removal from the Title-V permit.
9. Units T-18 and T-19, OP-MON: CAM-TI-001 for Index R5112-0002 is not appropriate (or inconsistent with UA attribute). CAM-TI-001 is for thermal incinerators or oxidizers which would not be appropriate based on the control device type you entered in the UA3. CAM-VC-001 for vapor combustors that do not meet the definition of an incinerator under 30 TAC Chapter 115 though is more appropriate. If the control device is an incinerator (which also includes oxidizers), then the control device type should be updated on the OP-UA3, table 4a. The definition of an incinerator in Chapter 115 is "(23) Incinerator--For the purposes of this chapter, an enclosed control device that combusts or oxidizes volatile organic compound gases or vapors. So please update the UA3 or OP-MON to be consistent.
 1. The control device is a SARU process furnace which is an enclosed combustion device. The Direct Flame Incinerator is most appropriate given the available options on the OP-UA3 form. The OP-UA3 and OP-REQ have been updated accordingly. CAM-TI-001 should remain as-is.
10. Units T-18 and T-19, OP-MON: Index R5112-0003 does not require PM as 115.115(a)(6) requires the continuous monitoring of control device operating parameters for control devices not specified in 115.115(a)(1)-(5). If you want to add periodic monitoring, I will change it to a case-by-case requirement, with the similar frequency, indicator, deviation limits, and averaging time as PM-V-008. Is that okay?
 1. Since Index R5112-0003 does not require Periodic Monitoring, please remove it for tanks T-18 and T-19. Additionally, a Kb operating plan will be submitted under separate cover per 60.113b(c)(2). Therefore, Eco Services requests to rescind the previously submitted OP-MON form for Kb PM applicability for T-18 and T-19 (Index No. 60Kb-002).
11. Units T-18 and T-19, OP-MON: Index R5112-0006 does not require periodic monitoring as it already includes continuous monitoring of the exhaust gas VOC concentration of a carbon adsorption system as stated in 115.115(a)(3)(A). If you want to add periodic monitoring, I will change it to a case-by-case requirement, with the similar frequency, indicator, deviation limits, and averaging time as PM-V-013. It is okay to you?
 1. Since Index R5112-0006 does not require Periodic Monitoring, please remove it for tanks T-18 and T-19. Additionally, a Kb operating plan will be submitted under separate cover per 60.113b(c)(2). Therefore, Eco Services requests to rescind the previously submitted OP-MON form for Kb PM applicability for T-18 and T-19 (Index No. 60Kb-003).
12. You will need to submit OP-REQ2 for negative applicability. You mentioned it in OP-2, but no OP-REQ2 was submitted.
 1. Permit Shield revisions are not being requested therefore an OP-REQ2 is not included. OP-UA forms clearly demonstrate non-applicability.
13. Please email me the major nsr summary table in word. Please make sure the left side of the table MRT is updated as 08/14/2020. Also please update OP-REQ1 page 86 to have the PSD permit issuance date as 08/14/2020.
 1. The Major NSR Summary table is attached in Word.
 2. OP-REQ1's page 87 was updated to coincide with the PSD permit's most recent permitting action (change of ownership) on 6/2/16.

Additionally, a Kb operating plan will be submitted under separate cover per 60.113b(c)(2). Therefore, Eco Services requests to rescind the previously submitted OP-MON form for Kb CAM applicability for T-18 and T-19 (Index No. 60Kb-001).

Please address the above deficiencies and submit updated forms within 2 weeks, due 06/07/2021.

Thank you!

Have a good weekend!

Jasmine Yuan
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6090

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

Date:	6/16/2021
Permit No.:	O1610
RN No.:	RN100211317

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87

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

E. PSD Permits and PSD Major Pollutants

PSD Permit No.: PSDTX695M3	Issuance Date: 08/14/20	Pollutant(s): SO ₂
PSD Permit No.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

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

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

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

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

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

Authorization No.: 9565	Issuance Date: 08/14/20	Authorization No.: 56534	Issuance Date: 12/22/16
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

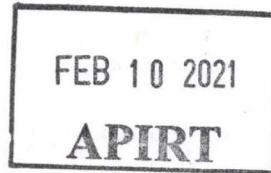


Eco Services Operations Corp
Baytown Plant

By Certified Mail: 7014 0510 0000 9250 3049

February 3, 2021

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



AIR PERMITS DIVISION
FEB 08 2021
RECEIVED

RE: Federal Operating Permit Renewal
Permit Number 1610
Eco Services Operations Corp.
Regulated Entity Number: RN100211317
Customer Number: CN605004464
Account Number: HG0696Q

To Whom It May Concern:

Eco Services Operations Corp (Eco Services) owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The Baytown Plant currently operates under the Texas Commission on Environmental Quality (TCEQ) Account Number HG0696Q. Eco Services has a TCEQ Customer Reference Number CN605004464 and the Baytown Plant is registered with a Regulated Entity Number RN100211317.

Permit O-1610 has an expiration date of August 3, 2021. With this application, Eco Services intends to renew this permit according to 30 TAC §122.241(b). The required forms for the renewal of the permit are attached.

If you have any questions regarding this submittal or require additional information about this permit amendment application, please feel free to contact me at (713) 924-1434.

Sincerely,
Eco Services Operations Corp

A handwritten signature in blue ink, appearing to read "Rock Demarais".

Rock Demarais
Environmental Specialist

Attachments

cc: Trinity Consultants
Air Section Manager, TCEQ Region 12, Houston
EPA Region 6

TITLE V O1610 PERMIT RENEWAL

Eco Services Operations Corp. • Baytown Facility

Prepared By:

TRINITY CONSULTANTS

Trinity Consultants
1800 West Loop South
Suite 1000
Houston, TX 77027
(713) 552-1371

February 2021

Project 204402.0128



TABLE OF CONTENTS

1. EXECUTIVE SUMMARY	1-1
2. TCEQ FORMS	2-1

1. EXECUTIVE SUMMARY

Eco Services Operations Inc. (Eco Services) owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The facility produces sulfuric acid by regenerating spent sulfuric acid (sulfuric acid received from petroleum refining and chemical processes that has been in contact with volatile organic compounds). The Baytown Plant currently operates under the Texas Commission on Environmental Quality (TCEQ) account number HG-0696-Q. Eco Services has a TCEQ Customer Reference Number CN605004464 and the Baytown plant is registered with a Regulated Entity Number RN100211317. The Baytown Plant is authorized by a federal operating permit O1610.

With this application, Eco Services is requesting to renew FOP O1610 and incorporate the following updates to ensure permit requirements accurately represent units at the plant:

- Addressing sources authorized under New Source Review (NSR) Permit 9565 amendment completed on August 14, 2020;
- Adding sources authorized under Permit by rule (PBR) 155134 (T-18, T-19, SCRUB-VCU, and SCRUB-CAS) to Title V permit; and
- Adding sources authorized under unregistered PBRs (ENG1 and WELDING) to Title V permit.

In accordance with 30 TAC §122.133, this renewal application is submitted 6 months prior to the expiration date of August 03, 2021. Section 2 contains all the required forms for this submittal. These include a site information summary (OP-1), application for permit revision (OP-2), applicable requirements summary (OP-REQ1 and OP-REQ3), unit attribute forms (OP-UA), monitoring requirements form (OP-MON), individual unit summary (OP-SUMR), application compliance plan and schedule (OP-ACPS), Permit By Rule Supplemental Table (OP-PBRSUP), Major NSR Summary Table, and a certification by responsible official (OP-CRO1).

2. TCEQ FORMS

OP-1
OP-2
OP-SUMR
OP-ACPS
OP-PBRSUP
OP-CRO1
OP-UA2
OP-UA3
OP-UA12
OP-UA16
OP-UA35
OP-MON
OP-REQ1
OP-REQ3

Major NSR Summary Table

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

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

I. Company Identifying Information								
A. Company Name: Eco Services Operations Corp.								
B. Customer Reference Number (CN): CN605004464								
C. Submittal Date (mm/dd/yyyy): 02/03/2021								
II. Site Information								
A. Site Name: Baytown Plant								
B. Regulated Entity Reference Number (RN): RN100211317								
C. Primary Account Number for Site: HG-0696-Q								
D. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>								
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 <input checked="" type="checkbox"/>								
E. Indicate all pollutants for which the site is a major source based on the site's potential to emit:								
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPS	Other <input type="checkbox"/>
Major at the Site (YES/NO):	No	Yes	Yes	No	No	No	No	No
F. Is the site a non-major source subject to the Federal Operating Permit Program?							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
G. Is the site within a local program area jurisdiction?							<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
H. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
I. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:						NA		
III. Permit Type								
A. Type of Permit Requested: <i>(Select only one response)</i>								
Site Operating Permit (SOP) <input checked="" type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP) <input type="checkbox"/>								
IV. Initial Application Information <i>(Complete for Initial Issuance Applications only.)</i>								
A. Is this submittal an abbreviated or a full application?							<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full	
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	
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?							<input type="checkbox"/> YES <input type="checkbox"/> NO	
D. Has a 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	

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

V. Confidential Information		
A. Is confidential information submitted in conjunction with this application?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO)		
A. RO Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Michael Marchut		
B. RO Title: Plant Manager		
C. Employer Name: Eco Services Operations Corp		
D. Mailing Address: 3439 Park St		
City: Baytown	State: TX	ZIP Code: 77520
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:		
F. Telephone No.: 281-691-6508		
G. Fax No.: 281-427-1527		
H. Email: Michael.Marchut@eco-services.com		
VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>		
A. Technical Contact Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Rock Demarais		
B. Technical Contact Title: Environmental Specialist		
C. Employer Name: Eco Services Operations Corp		
D. Mailing Address: 8615 Manchester St.		
City: Houston	State: TX	ZIP Code: 77012
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:		
F. Telephone No.: 713-924-1434		
G. Fax No.:		
H. Email: rock.demarais@eco-services.com		

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

VIII. Reference Only Requirements <i>(For reference only.)</i>		
A. State Senator: Carol Alvarado		
B. State Representative: Mary Ann Perez		
C. 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	
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
E. Indicate the alternate language(s) in which public notice is required:	Spanish	
IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>		
A. Office/Facility Name:		
B. Physical Address:		
City:	State:	ZIP Code:
Territory:	Country:	Foreign Postal Code:
C. Physical Location:		
D. Contact Name: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
E. Telephone No.:		
X. Application Area Information		
A. Area Name: Baytown Plant		
B. Physical Address: 3439 Park Street		
City: Baytown	State: TX	ZIP Code: 77520
C. Physical Location:		
D. Nearest City:		
E. State:		
F. ZIP Code:		

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

X. Application Area Information (continued)		
G. Latitude (nearest second):	29°44'53.48"N	
H. Longitude (nearest second):	95° 0'9.16"W	
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
J. Indicate the estimated number of emission units in the application area:	20	
K. Are there any emission units in the application area subject to the Acid Rain Program?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)		
A. Name of public place to view application and draft permit: Baytown Sterling Municipal Library		
B. Physical Address: Mary Elizabeth Willbanks Ave.		
City: Baytown	ZIP Code: 77520	
C. Contact Person (Someone who will answer questions from the public, during the public notice period):		
(<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.): Rock Demarais		
D. Contact Mailing Address: 8615 Manchester St.		
City: Houston	State: TX	ZIP Code: 77012
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:		
F. Telephone No.: 713-924-1434		
XII. Delinquent Fees and Penalties		
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."		
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.		
XIII. Designated Representative (DR) Identifying Information		
A. DR Name: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
B. DR Title:		
C. Employer Name:		
D. Mailing Address:		
City:	State:	ZIP Code:
Territory:	Country:	Foreign Postal Code:

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

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

XIII. Designated Representative (DR) Identifying Information *(continued)*

E. Internal Mail Code:

F. Telephone No.:

G. Fax No.:

H. Email:

XIV. Alternate Designated Representative (ADR) Identifying Information

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

B. ADR Title:

C. Employer Name:

D. Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

E. Internal Mail Code:

F. Telephone No.:

G. Fax No.:

H. Email:

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

Date:	02/03/2021							
Permit No.:	O1610							
Regulated Entity No.:	RN100211317							
Company Name:	Eco Services Operations Corp.							
For Submissions to EPA								
Has a copy of this application been submitted (or is being submitted) to EPA?								✓ YES <input type="checkbox"/> NO
I. Application Type								
Indicate the type of application:								
<input checked="" type="checkbox"/> Renewal <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)								
<input type="checkbox"/> Significant Revision <input type="checkbox"/> Revision Requesting Prior Approval <input type="checkbox"/> Administrative Revision <input type="checkbox"/> Response to Reopening								
II. Qualification Statement								
For SOP Revisions Only The referenced changes qualify for the marked revision type.								✓ YES <input type="checkbox"/> NO
For GOP Revisions Only The permitted area continues to qualify for a GOP.								<input type="checkbox"/> YES <input type="checkbox"/> NO
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:								
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPs	Other
Major at the site (YES/NO):	No	Yes	Yes	No	No	No	No	No
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 <input type="checkbox"/> NO <input type="checkbox"/> N/A
V. Delinquent Fees and Penalties								
Notice: This form will not be processed until all delinquent fees and/or penalties owed 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.								

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

Date:	02/03/2021					
Permit No.:	O1610					
Regulated Entity No.:	RN100211317					
Company Name:	Eco Services Operations Corp.					
I. Description of 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	YES	T-18	OP-UA3	PBR 155134	Add New Tank to Title V permit.
2	MS-C	YES	T-19	OP-UA3	PBR 155134	Add New Tank to Title V permit.
3	MS-C	YES	ENG1	OP-UA2	PBR 106.512	Add new engine to Title V permit
4	MS-C	YES	SCRUB-VCU	OP-UA35	PBR 155134	Add Caustic Scrubber and Vapor Combustor Operating in Series to Title V permit.
5	MS-C	YES	T-DIESLVNT	OP-UA3	PBR 106.412	Documenting negative applicability attributes for diesel tank to 30 TAC Chapter 115 and 40 CFR 60 Subpart Kb
6	MS-C	YES	T-GASLMVNT	OP-UA3	PBR 106.412	Documenting negative applicability attributes for diesel tank to 30 TAC Chapter 115 and 40 CFR 60 Subpart Kb
7	MS-C	YES	FUG-AAG	OP-UA12	9565	Documenting negative applicability attributes for fugitives to 30 TAC Chapter 115
8	MS-C	YES	DEGREASER	OP-UA2	PBR 106.454	Documenting negative applicability attributes for degreaser to 30 TAC Chapter 115
9	MS-C	YES	WELDING	OP-UA2	PBR 106.227	Add welding engine to Title V permit

TCEQ-10059 (v26, revised 10/200) OP-2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

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

[illegible]

Date:		02/03/2021				
Permit No.:		O1610				
Regulated Entity No.:		RN100211317				
Company Name:		Eco Services Operations Corp.				
10	MS-C	YES	SCRUB-CAS	OP-UA3	PBR 155134	Add Caustic Scrubber and Carbon Adsorption System Operating in Series to Title V permit.
11	MS-C	YES	FUG-18/19	OP-UA12	PBR 155134	Documenting negative applicability attributes for fugitives to 30 TAC Chapter 115

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

Table 1

Date	Permit No.	Regulated Entity No.
02/03/2021	O1610	RN100211317

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	1	T-18	OP-UA3	Spent Acid Tank 18	Y	106.261, 106.262/11/1/2003 [155134]	
A	2	T-19	OP-UA3	Spent Acid Tank 19	Y	106.261, 106.262/11/1/2003 [155134]	
A	3	ENG1	OP-UA2	Air Compressor Engine		106.512/06/13/2001	
A	4	SCRUB-VCU	OP-UA35	Caustic Scrubber and Vapor Combustor Operating in Series		106.261, 106.262/11/1/2003 [155134]	
A	9	WELDING	OP-UA2	Welding Engine		106.227/9/4/2000	
A	10	SCRUB-CAS	OP-UA3	Caustic Scrubber and Carbon Adsorption System Operating in Series		106.261, 106.262/11/1/2003 [155134]	

Form OP-ACPS-Instructions

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

Date: 02/03/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.		Area Name: Baytown Plant

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

Part 1

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

**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

Date	Permit Number	Regulated Entity Number
02/03/2021	O1610	RN100211317

Unit ID No.	Registration No.	PBR No.	Registration Date
T-18	155134	106.261, 106.262	3/14/2019
T-19	155134	106.261, 106.262	3/14/2019
SCRUB-VCU	155134	106.261, 106.262	3/14/2019
SCRUB-CAS	155134	106.261, 106.262	3/14/2019
FUG-18/19	155134	106.261, 106.262	3/14/2019

**Texas Commission on Environmental Quality
Permit By Rule Supplemental Table (Page 2)**

Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

Date	Permit Number	Regulated Entity Number
02/03/2021	O1610	RN100211317
Unit ID No.	PBR No.	Version No./Date
T-DIESLVNT	106.412	9/4/2000
T-GASLMVNT	106.412	9/4/2000
DEGREASER	106.454	11/1/2001
MSSENGD	106.263	11/1/2001
MSSENDG	106.263	11/1/2001
511ENGD	106.511	9/4/2000
511ENGG	106.511	9/4/2000
WELDING	106.227	9/4/2000
ENG1	106.512	6/13/2001
PREHTRSTK	106.183	09/04/2000
BTCT	106.371	03/14/1997
HHELD	106.265	9/4/2000

**Texas Commission on Environmental Quality
Permit By Rule Supplemental Table (Page 3)**

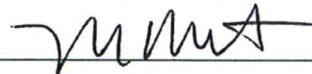
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

Date	Permit Number	Regulated Entity Number
02/03/2021	O1610	RN100211317

PBR No.	Version No./Date
106.451	9/4/2000

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

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

I. Identifying Information		
RN: 100211317	CN: 605004464	Account No.: HG-0696-Q
Permit No.: O1610	Project No.: TBA	
Area Name: Baytown Plant	Company Name: Eco Services Operations Corp.	
II. Certification Type <i>(Please mark the appropriate box)</i>		
<input checked="" type="checkbox"/> Responsible Official	<input type="checkbox"/> Duly Authorized Representative	
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. Certification of Truth		
This certification does not extend to information which is designated by the TCEQ as information for reference only.		
I, <u>Michael Marchut</u> certify that I am the <u>RO</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:		
<i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>		
Time Period: From _____ to _____ <div style="text-align: center;"><i>Start Date</i> <i>End Date</i></div>		
Specific Dates: <u>02/03/2021</u> _____ <div style="text-align: center;"><i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></div>		
Signature: <u></u> Signature Date: <u>2/3/21</u>		
Title: <u>Plant Manager</u>		

**Texas Commission on Environmental Quality
Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)**

Federal Operating Permit Program

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

Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
ENG1	R7ICI-0002				ENG	DSL	LEANBURN	07+	175-300
WELDING	R7ICI-0003				ENG	DSL	LEANBURN	05-06	50-100

**Texas Commission on Environmental Quality
Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 2)**

Federal Operating Permit Program

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

Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	NO _x Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO _x Averaging Method	NO _x Reduction	NO _x Monitoring System
ENG1	R7ICI-0002	310D			NO	1HR	NONE	MERT
WELDING	R7ICI-0003	310D			NO	1HR	NONE	MERT

**Texas Commission on Environmental Quality
Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 3)**

Federal Operating Permit Program

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

Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Monitoring
ENG1	R7ICI-0002	X40A2-C	310CG	1HR	OTHER		
WELDING	R7ICI-0003	X40A2-C	310CG	1HR	OTHER		

Texas Commission on Environmental Quality
 Stationary Reciprocating Internal Combustion Engine Attributes
 Form OP-UA2 (Page 4)

Federal Operating Permit Program
 Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
 Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary
 Reciprocating Internal Combustion Engines

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
ENG1	63ZZZZ-0001	AREA	100-250	06+			
WELDING	63ZZZZ-0002	AREA	-100	06+			

**Texas Commission on Environmental Quality
Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 10)**

Federal Operating Permit Program

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

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
ENG1	60IIII-0001	2005+	NONE	NON	CON	0406+
WELDING	60IIII-0002	2005+	NONE	NON	CON	0406+

Texas Commission on Environmental Quality
Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)
Federal Operating Permit Program
Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
ENG1	60IIII-0001	DIESEL		10-	NO	2017+	
WELDING	60IIII-0002	DIESEL		10-	NO	2007-	

**Texas Commission on Environmental Quality
Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 12)**

Federal Operating Permit Program

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

Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	Standards	Compliance Option	PM Compliance	Options
ENG1	60IIII-0001	N130-368	NO		MANU YES		
WELDING	60IIII-0002	37-75	NO		MDATA		

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

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Control Device ID No.
T18	60Kb-001	VOL	40K+	0.75-11.1	CVS-CD			1
T18	60Kb-002	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-VCU
T18	60Kb-003	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-CAS
T19	60Kb-001	VOL	40K+	0.75-11.1	CVS-CD			1
T19	60Kb-002	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-VCU
T19	60Kb-003	VOL	40K+	0.75-11.1	CVS-CD			SCRUB-CAS
T-DIESLVNT	60Kb-004	VOL	10K-					
T-GASLMVNT	60Kb-004	VOL	10K-					

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

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
T18	R5112-0002	NO		VOC1	A40K+			
T18	R5112-0003	NO		VOC1	A40K+			
T18	R5112-0006	NO		VOC1	A40K+			
T19	R5112-0002	NO		VOC1	A40K+			
T19	R5112-0003	NO		VOC1	A40K+			
T19	R5112-0006	NO		VOC1	A40K+			
T-DIESLVNT	R5112-0005	NO		VOC1	A1K-			
T-GASLMVNT	R5112-0005	NO		VOC1	A1K-			

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

Date:	02/03/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
T18	R5112-0002		SPVRS1	1.5+A			OTHER	1
T18	R5112-0003		SPVRS1	1.5+A			VDU	SCRUB-VCU
T18	R5112-0006		SPVRS1	1.5+A			CAS	SCRUB-CAS
T19	R5112-0002		SPVRS1	1.5+A			OTHER	1
T19	R5112-0003		SPVRS1	1.5+A			VDU	SCRUB-VCU
T19	R5112-0006		SPVRS1	1.5+A			CAS	SCRUB-CAS

**Texas Commission on Environmental Quality
Fugitive Emission Unit Attributes
Form OP-UA12 (Page 11)**

Federal Operating Permit Program

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,
and Petrochemical Processes in Ozone Nonattainment Areas**

Date:	2/3/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
FUG-AAG	R5352-001	NO			
FUG-18/19	R5352-001	NO			

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 138)
Federal Operating Permit Program
Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)

Date:	2/3/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.780 Applicable	Less Than 250 Components at Site	Weight Percent HRVOC	Title 30 TAC Chapter 115 Fugitive Unit Components		
					Pumps with Shaft Seal System	Compressors with Shaft Seal System	Agitators with Shaft Seal System
FUG-AAG	R5780-0001	NO					
FUG-18/19	R5780-0001	NO					

Texas Commission on Environmental Quality
Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 1) Federal Operating Permit Program

Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes

Date:	2/3/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

Unit ID No.	SOP/GOP Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/ Air Interface Area	Emission Control Combinations
DEGREASE R	R5115-0001	RRC-S	NO		YES	0.6-	NO	NO	16-	YES		

**Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 2)
Federal Operating Permit Program**

**Table 2a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and
Institutional Sources in Ozone Nonattainment Areas, Incinerators**

Date:	2/3/2021
Permit No.:	O1610
Regulated Entity No.:	RN100211317

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60Kb-003		
Pollutant: VOC		
Main Standard: §60.112b (a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-013		
Deviation Limit: Maximum VOC Concentration – 100 ppmv		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-CAS		
Control Device Type: CRBAD1		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60Kb-002		
Pollutant: VOC		
Main Standard: §60.112b (a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-008		
Deviation Limit: Minimum Temperature = 1400 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-VCU		
Control Device Type: COMB		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0003		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-008		
Deviation Limit: Minimum Temperature = 1400 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-VCU		
Control Device Type: COMB		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0002		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: 1		
Control Device Type: DIRFLM		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60Kb-001		
Pollutant: VOC		
Main Standard: §60.112b (a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: 1		
Control Device Type: DIRFLM		

Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 2		
Unit/EPN/Group/Process ID No.: T-19		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0006		
Pollutant: VOC		
Main Standard: § 115.115(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-013		
Deviation Limit: Maximum VOC Concentration – 100 ppmv		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-CAS		
Control Device Type: CRBAD1		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0002		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: 1		
Control Device Type: DIRFLM		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0003		
Pollutant: VOC		
Main Standard: § 115.112(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-008		
Deviation Limit: Minimum Temperature = 1400 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-VCU		
Control Device Type: COMB		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Storage of Volatile Organic Compounds		
SOP/GOP Index No.: R5112-0006		
Pollutant: VOC		
Main Standard: § 115.115(e)(3)(A)(ii)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-013		
Deviation Limit: Maximum VOC Concentration – 100 ppmv		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-CAS		
Control Device Type: CRBAD1		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60Kb-001		
Pollutant: VOC		
Main Standard: §60.112b (a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: Minimum Temperature = 1500 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: 1		
Control Device Type: DIRFLM		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60Kb-002		
Pollutant: VOC		
Main Standard: §60.112b (a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-008		
Deviation Limit: Minimum Temperature = 1400 °F		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-VCU		
Control Device Type: COMB		

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

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN605004464
Permit No.: O1610	Project No.: TBD	
Area Name: Baytown Plant		
Company Name: Eco Services Operations Corp.		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: T-18		
Applicable Form: OP-UA3		
III. Applicable Regulatory Requirement		
Name: NSPS Kb		
SOP/GOP Index No.: 60Kb-003		
Pollutant: VOC		
Main Standard: §60.112b (a)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size: SM		
CAM/PM Option No.: PM-V-013		
Deviation Limit: Maximum VOC Concentration – 100 ppmv		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: SCRUB-CAS		
Control Device Type: CRBAD1		

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

Date:	2/3/2021
Permit No.:	O1610
RN No.:	RN100211317

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date:	2/3/2021
Permit No.:	O1610
RN No.:	RN100211317

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

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

Date:	2/3/2021
Permit No.:	O1610
RN No.:	RN100211317

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

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

Date:	2/3/2021
Permit No.:	O1610
RN No.:	RN100211317

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

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

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input 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 covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)

◆	3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES	<input checked="" 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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
◆	6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES	<input 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

M. Petroleum Dry Cleaning Systems

1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input checked="" 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

◆ 1.	The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3.	The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

B. Utility Electric Generation in Ozone Nonattainment Areas

1.	The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO




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

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

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products

A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings

- | | |
|---|---|
| 1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States.
<i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products

- | | |
|--|---|
| 1. The application area manufactures consumer products for sale or distribution in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products.
<i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)

C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings

- | | |
|---|---|
| 1. The application area manufactures or imports architectural coatings for sale or distribution in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act.
<i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings

- | | |
|---|---|
| 1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area is a distributor of aerosol coatings for resale or distribution in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers

- | | |
|--|---|
| 1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States.
<i>If the response to Question V.E.1 is "NO," go to Section VI.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards

A. Applicability

- | | |
|---|---|
| ◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts.
<i>If the response to Question VI.A.1 is "NO," go to Section VII.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
|---|---|

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants

1.	The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO

C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)

◆	1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)

◆	4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	

F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO

G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems

1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)

3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004

◆	1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)

◆	3.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
◆	4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
◆	5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
◆	6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
◆	7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
◆	8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES	<input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006	
◆	<div>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</div> <div><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></div>
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<div>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.</div>
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>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.</div>
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>4. The application area includes at least one air curtain incinerator.</div> <div><i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i></div>
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>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.</div> <div><i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i></div>
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>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.</div>
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>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.</div>
	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)

J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)

◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution

◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
---	---	---

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants

A. Applicability

◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
---	--	---

B. Subpart F - National Emission Standard for Vinyl Chloride

	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> YES <input type="checkbox"/> NO
--	---	--

C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)

◆	1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
---	--	--

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

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

E. Subpart M - National Emission Standard for Asbestos (continued)

Manufacturing Commercial Asbestos (continued)

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

Asbestos Spray Application

4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)

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| 3. The application area includes benzene transfer operations at railcar loading racks. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes benzene transfer operations at tank-truck loading racks. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

H. Subpart FF - National Emission Standard for Benzene Waste Operations

Applicability

- | | |
|---|--|
| 1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b).
<i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates.
<i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr).
<i>If the response to Question VII.H.4 is "YES," go to Section VIII.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr.
<i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Reloading or Cleaning of Railcars, Tank Trucks, or Barges	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <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
Transfer Racks	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Process Wastewater Streams	
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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<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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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)

Process Wastewater Streams (continued)

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)

Drains (continued)

- | | |
|---|--|
| 37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

Gas Streams

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|---|--|
| 39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

- | | |
|---|---|
| 1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|---|---|

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

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

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

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)

Applicability (continued)

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities

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|--|---|
| 1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components.
<i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<input type="checkbox"/> N/A |
| 2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.

- | | |
|---|---|
| ◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user.
<i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i>
<i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761.
<i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i>
<i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 4. The application area is located at a site that is a major source of HAP.
<i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)

◆	5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft ³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)

- | | |
|--|---|
| 1. The application area includes shipbuilding or ship repair operations.
<i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations

- | | |
|---|---|
| 1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations.
<i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<input type="checkbox"/> N/A |
| 2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

T. Subpart KK - National Emission Standards for the Printing and Publishing Industry

- | | |
|---|---|
| 1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<input type="checkbox"/> N/A |
|---|---|

U. Subpart PP - National Emission Standards for Containers

- | | |
|--|---|
| 1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions.
<i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes containers using Container Level 1 controls. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes containers using Container Level 2 controls. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)

32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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)

<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)

Drains (continued)

19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)

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

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

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)

- | | |
|---|--|
| 11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
|---|--|

FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities

- | | | |
|---|--|---|
| ◆ | 1. The application area is located at a site that is an area source of hazardous air pollutants.
<i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132.
<i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i> | <input checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

GG. Recently Promulgated 40 CFR Part 63 Subparts

- | | | |
|---|--|---|
| ◆ | 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form.
<i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. | |

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

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)

F. Subpart F - Recycling and Emissions Reduction

◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

G. Subpart G - Significant New Alternatives Policy Program

◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

H. Subpart H - Halon Emissions Reduction

◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

XI. Miscellaneous

A. Requirements Reference Tables (RRT) and Flowcharts

◆	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
---	--	---

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

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XI. Miscellaneous (continued)

B. Forms

◆	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
---	--	---

◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.
---	---

C. Emission Limitation Certifications

◆	1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
---	---	---

D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements

	1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
--	---	---

	2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
--	--	---

	3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
--	---	---

	4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
--	---	---

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XI. Miscellaneous (continued)

E. Title IV - Acid Rain Program

- | | |
|---|---|
| 1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program

- | | |
|---|---|
| 1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program.
<i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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

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XI. Miscellaneous (continued)

I. GOP Type (Complete this section for GOP applications only)

◆	1.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5.	The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO

J. Title 30 TAC Chapter 101, Subchapter H

◆	1.	The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

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XI. Miscellaneous (continued)

J. Title 30 TAC Chapter 101, Subchapter H (continued)

◆	4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

K. Periodic Monitoring

◆	1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2.	The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XII.</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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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XII. New Source Review (NSR) Authorizations (continued)

B. Air Quality Standard Permits

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

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XII. New Source Review (NSR) Authorizations (continued)

B. Air Quality Standard Permits (continued)

◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO

C. Flexible Permits

1.	The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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D. Multiple Plant Permits

1.	The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
----	--	---

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

E. PSD Permits and PSD Major Pollutants

PSD Permit No.: PSDTX695M3	Issuance Date: 08/08/13	Pollutant(s): SO ₂
PSD Permit No.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

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

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

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

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

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

Authorization No.: 9565	Issuance Date: 08/14/20	Authorization No.: 56534	Issuance Date: 12/22/16
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

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

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

PBR No.: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.227	Version No./Date: 09/04/2000
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.265	Version No./Date: 09/04/2000
PBR No.: 106.371	Version No./Date: 03/14/1997
PBR No.: 106.412	Version No./Date: 09/04/2000
PBR No.: 106.451	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.512	Version No./Date: 06/13/2001

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

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

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

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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	T-18	OP-UA3	R5112-0002	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
1	T-18	OP-UA3	R5112-0003	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
1	T-18	OP-UA3	R5112-0006	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
2	T-19	OP-UA3	R5112-0002	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
2	T-19	OP-UA3	R5112-0003	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)
2	T-19	OP-UA3	R5112-0006	VOC	Chapter 115	§115.112(e)(1) §115.112(e)(3) §115.112(e)(3)(A) §115.112(e)(3)(A)(i) §115.112(e)(3)(A)(ii)

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

Table 1b: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1541
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	T-18	R5112-0002	VOC	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None.
1	T-18	R5112-0003	VOC	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None.
1	T-18	R5112-0006	VOC	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(A) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(c) § 115.118(a)(4)(c)(i) § 115.118(a)(5) § 115.118(a)(7)	None.
2	T-19	R5112-0002	VOC	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None.
2	T-19	R5112-0003	VOC	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None.
2	T-19	R5112-0006	VOC	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(A) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(c) § 115.118(a)(4)(c)(i) § 115.118(a)(5) § 115.118(a)(7)	None.

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

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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	T-18	OP-UA3	60Kb-001	VOC	40 CFR 60, Subpart Kb	[G]§60.112b (a)(3)
1	T-18	OP-UA3	60Kb-002	VOC	40 CFR 60, Subpart Kb	[G]§60.112b (a)(3)
1	T-18	OP-UA3	60Kb-003	VOC	40 CFR 60, Subpart Kb	[G]§60.112b (a)(3)
2	T-19	OP-UA3	60Kb-001	VOC	40 CFR 60, Subpart Kb	[G]§60.112b (a)(3)
2	T-19	OP-UA3	60Kb-002	VOC	40 CFR 60, Subpart Kb	[G]§60.112b (a)(3)
2	T-19	OP-UA3	60Kb-003	VOC	40 CFR 60, Subpart Kb	[G]§60.112b (a)(3)

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

Table 1b: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	T-18	60Kb-001	VOC	§60.116b(a)-(b), [G]§60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e), (e)(1), [G](e)(3)	§60.115b [G]§60.115b(c) §60.116b(a) §60.116b(b)	[G]§60.113b(c)(1) §60.115b
1	T-18	60Kb-002	VOC	§60.116b(a)-(b), [G]§60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e), (e)(1), [G](e)(3)	§60.115b [G]§60.115b(c) §60.116b(a) §60.116b(b)	[G]§60.113b(c)(1) §60.115b
1	T-18	60Kb-003	VOC	§60.116b(a)-(b), [G]§60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e), (e)(1), [G](e)(3)	§60.115b, §60.116b(a)-(b), [G]§60.115b(c)	[G]§60.113b(c)(1), §60.115b
2	T-19	60Kb-001	VOC	§60.116b(a)-(b), [G]§60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e), (e)(1), [G](e)(3)	§60.115b, §60.116b(a)-(b), [G]§60.115b(c)	[G]§60.113b(c)(1), §60.115b
2	T-19	60Kb-002	VOC	§60.116b(a)-(b), [G]§60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e), (e)(1), [G](e)(3)	§60.115b, §60.116b(a)-(b), [G]§60.115b(c)	[G]§60.113b(c)(1), §60.115b
2	T-19	60Kb-003	VOC	§60.116b(a)-(b), [G]§60.485(b), [G]§60.113b(c)(1), §60.113b(c)(2), §60.116b(e), (e)(1), [G](e)(3)	§60.115b, §60.116b(a)-(b), [G]§60.115b(c)	[G]§60.113b(c)(1), §60.115b

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

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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)
3	ENG1	OP-UA2	R7ICI-0002	NOx	30 TAC Chapter 117, Subchapter B	§117.310(d)(3), §117.310(a), §117.310(b), [G]§117.310(e)(1), §117.310(e)(2), [G]§117.310(e)(3), §117.310(e)(4), §117.340(l)(2), §117.340(p)(1), §117.340(p)(3), [G]§117.310(f), §117.310(a)(9)(E)(vi)(III), §117.340(p)(2)(c)
3	ENG1	OP-UA2	R7ICI-0002	CO	30 TAC Chapter 117, Subchapter B	§117.310(c)(1)
9	WELDING	OP-UA2	R7ICI-0003	NOx	30 TAC Chapter 117, Subchapter B	§117.310(d)(3), §117.310(a), §117.310(b), [G]§117.310(e)(1), §117.310(e)(2), [G]§117.310(e)(3), §117.310(e)(4), §117.340(l)(2), §117.340(p)(1), §117.340(p)(3), [G]§117.310(f), §117.310(a)(9)(E)(iv)(II), §117.340(p)(2)(c)
9	WELDING	OP-UA2	R7ICI-0003	CO	30 TAC Chapter 117, Subchapter B	§117.310(c)(1)

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

Table 1b: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
3	ENG1	R7ICI-0002	NOx	[G]§117.335(a)(1), [T]§117.335(a)(4), [T]§117.335(b), [T]§117.335(d), [T]§117.335(g), §117.340(l)(2), [T]§117.340(o)(1), §117.340(p)(1), §117.8140(a), §117.8140(a)(2), §117.8140(a)(2)(A), [G]§117.8140(a)(2)(B), §117.8140(b), [T]§117.335(e), §117.340(p)(2)(A)-(C), [T]§117.8000(b)-(c), [T]§117.8000(c)(1), [T]§117.8000(c)(3), [T]§117.8000(c)(5), [T]§117.8000(c)(6), [T][G]§117.8000(d), [T]§117.8140(a)(1), §117.340(h), §117.340(a)(2)(C)	§117.345(a), §117.345(f), §117.345(f)(3), §117.345(f)(3)(B), §117.345(f)(9), [G]§117.345(f)(10), §117.345(f)(3)(A), §117.345(f)(3)(A)(ii)	§117.335(b), §117.335(g), [G]§117.345(b), [G]§117.345(c), [G]§117.8010(1), §117.8010(2), §117.8010(2)(A)-(D), [G]§117.8010(3), §117.8010(4), [G]§117.8010(5), §117.8010(6), [G]§117.8010(7), §117.340(p)(2)(D)
3	ENG1	R7ICI-0002	CO	[G]§117.335(a)(1), [T]§117.335(a)(4), [T]§117.335(b), [T]§117.335(d), [T]§117.335(g), §117.8140(a), §117.8140(a)(2), §117.8140(a)(2)(A), [G]§117.8140(a)(2)(B), §117.8140(b), [T]§117.335(e), [T]§117.8000(b)-(c), [T]§117.8000(c)(2), [T]§117.8000(c)(3), [T]§117.8000(c)(5), [T]§117.8000(c)(6), [T][G]§117.8000(d), [T]§117.8140(a)(1), §117.340(h), §117.340(a)(2)(C)	§117.345(a), §117.345(f), §117.345(f)(9), [G]§117.345(f)(10), §117.345(f)(3), §117.345(f)(3)(A), §117.345(f)(3)(A)(ii)	§117.335(b), §117.335(g), [G]§117.345(b), [G]§117.345(c), [G]§117.8010(1), §117.8010(2), §117.8010(2)(A)-(B), [G]§117.8010(3), §117.8010(4), [G]§117.8010(5), §117.8010(6), [G]§117.8010(7)

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

Table 1b: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	WELDING	R7ICI-0003	NOx	[G]§117.335(a)(1), [T]§117.335(a)(4), [T]§117.335(b), [T]§117.335(d), [T]§117.335(g), §117.340(l)(2), [T]§117.340(o)(1), §117.340(p)(1), §117.8140(a), §117.8140(a)(2), §117.8140(a)(2)(A), [G]§117.8140(a)(2)(B), §117.8140(b), [T]§117.335(e), §117.340(p)(2)(A)-(C), [T]§117.8000(b)-(c), [T]§117.8000(c)(1), [T]§117.8000(c)(3), [T]§117.8000(c)(5), [T]§117.8000(c)(6), [T][G]§117.8000(d), [T]§117.8140(a)(1), §117.340(h), §117.340(a)(2)(C)	§117.345(a), §117.345(f), §117.345(f)(3), §117.345(f)(3)(B), §117.345(f)(9), [G]§117.345(f)(10), §117.345(f)(3)(A), §117.345(f)(3)(A)(ii)	§117.335(b), §117.335(g), [G]§117.345(b), [G]§117.345(c), [G]§117.8010(1), §117.8010(2), §117.8010(2)(A)-(D), [G]§117.8010(3), §117.8010(4), [G]§117.8010(5), §117.8010(6), [G]§117.8010(7), §117.340(p)(2)(D)
9	WELDING	R7ICI-0003	CO	[G]§117.335(a)(1), [T]§117.335(a)(4), [T]§117.335(b), [T]§117.335(d), [T]§117.335(g), §117.8140(a), §117.8140(a)(2), §117.8140(a)(2)(A), [G]§117.8140(a)(2)(B), §117.8140(b), [T]§117.335(e), [T]§117.8000(b)-(c), [T]§117.8000(c)(2), [T]§117.8000(c)(3), [T]§117.8000(c)(5), [T]§117.8000(c)(6), [T][G]§117.8000(d), [T]§117.8140(a)(1), §117.340(h), §117.340(a)(2)(C)	§117.345(a), §117.345(f), §117.345(f)(9), [G]§117.345(f)(10), §117.345(f)(3), §117.345(f)(3)(A), §117.345(f)(3)(A)(ii)	§117.335(b), §117.335(g), [G]§117.345(b), [G]§117.345(c), [G]§117.8010(1), §117.8010(2), §117.8010(2)(A)-(B), [G]§117.8010(3), §117.8010(4), [G]§117.8010(5), §117.8010(6), [G]§117.8010(7)

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

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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)
3	ENG1	OP-UA2	60III-0001	VOC	40 CFR 60, Subpart IIII	§60.4204(b), §60.4201(a), §1039.101, §60.4206, §60.4207(b), §60.4218, §60.4211(c), [G]§60.4211(a)
3	ENG1	OP-UA2	60III-0001	NO _x	40 CFR 60, Subpart IIII	§60.4204(b), §60.4201(a), §1039.101, §60.4206, §60.4207(b), §60.4218, §60.4211(c), [G]§60.4211(a)
3	ENG1	OP-UA2	60III-0001	CO	40 CFR 60, Subpart IIII	§60.4204(b), §60.4201(a), §1039.101, §60.4206, §60.4207(b), §60.4218, §60.4211(c), [G]§60.4211(a)
3	ENG1	OP-UA2	60III-0001	PM	40 CFR 60, Subpart IIII	§60.4204(b), §60.4201(a), §1039.101, §60.4206, §60.4207(b), §60.4218, §60.4211(c), [G]§60.4211(a)
9	WELDING	OP-UA2	60III-0002	NO _x	40 CFR 60, Subpart IIII	§60.4204(a), §60.4206, §60.4207(b), §60.4218, §60.4211(b), §60.4211(b)(1)

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

Table 1b: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown Plant	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
3	ENG1	60III-0001	VOC	None	None	None
3	ENG1	60III-0001	NOX	None	None	None
3	ENG1	60III-0001	CO	None	None	None
3	ENG1	60III-0001	PM	None	None	None
9	WELDING	60III-0002	NOX	None	§60.4211(b)(3)	None

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

Table 1a: Additions

Date: 2/3/2021	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Eco Services Operations Corp.	Area Name: Baytown 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)
3	ENG1	OP-UA2	63ZZZZ-0001	HAPs	40 CFR 63, Subpart ZZZZ	§ 63.6590(c)
9	WELDING	OP-UA2	63ZZZZ-0002	NO _x	40 CFR 63, Subpart ZZZZ	§ 63.6590(c)

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

Table 1b: Additions

Date: 2/3/2021		Regulated Entity No.: RN100211317			Permit No.: O1610	
Company Name: Eco Services Operations Corp.		Area Name: Baytown Plant				

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
3	ENG1	63ZZZZ-0001	HAPs	None	None	None
9	WELDING	63ZZZZ-0002	NOX	None	None	None



Texas Commission on Environmental Quality

Major NSR Summary Table

Permit Numbers: 9565 and PSDTX695M3					Issuance Date: August 14, 2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
EMSCRUBSTK	Spent Acid Scrubber - Scrubber Liquor Storage Tanks, AML Truck and Railcar Loading	SO ₂	<0.01	<0.01	2, 16, 19, 26, 27	2, 6, 18, 21, 26, 27	2, 26, 27
		NH ₃	0.01	<0.01			
AMLTLDGU	Uncaptured AML Truck Loading	SO ₂	<0.01	<0.01	2, 15, 17	2, 6, 14	2
		NH ₃	<0.01	<0.01			
AMLRDGU	Uncaptured AML Railcar Loading	SO ₂	<0.01	<0.01	2	2, 6	2
		NH ₃	<0.01	<0.01			
FUGAMLV	AMLV Fugitive Emissions	SO ₂	<0.01	0.02	2	2, 6	2
		NH ₃	<0.01	<0.01			
FUGAS	AS Fugitive Emissions	SO ₂	0.01	0.05	2, 14, 22, 23	2, 6, 14, 22, 23	2, 14
		NH ₃	0.04	0.17			
		H ₂ SO ₄	0.01	<0.01			
FUGNH3	Ammonia Fugitive Emissions	NH ₃	0.09	0.37	2, 23	2, 6, 23	2
FUGAAG	Amine Acid Gas Fugitive Emissions	H ₂ S	0.06	0.13	2, 23	2, 6, 23	2
		VOC	<0.01	<0.01			
FUGPROC	Process Fugitive Emissions	SO ₂	0.07	0.13	2, 22	2, 6, 22	2

TCEQ-20648 (APDG 6193v5, Revised 10/18) Major NSR Summary Table

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

Permit Numbers: 9565 and PSDTX695M3					Issuance Date: August 14, 2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
1	Scrubber Exhaust	CO	5.50	24.09	2, 3, 4, 5, 7, 9, 11, 13, 24, 25, 28	2, 3, 4, 5, 6, 7, 9, 11, 13, 24, 25, 28	2, 9, 11, 28
		H ₂ SO ₄ (6)	6.88	10.04			
		NH ₃	0.40	1.70			
		NO _x	19.75	54.91			
		PM	3.19	11.32			
		PM ₁₀	3.19	11.32			
		PM _{2.5}	3.19	11.32			
		SO ₂ (6)	114.13	441.65			
		VOC	0.01	0.01			
		Ag	0.03	0.12			
		As	0.13	0.52			
		Ba	0.03	0.12			
		Be	0.02	0.08			
		Cd	0.02	0.08			
		Cl ₂	0.01	0.02			
		Cr	0.67	2.82			
		HCl	0.06	0.26			

Permit Numbers: 9565 and PSDTX695M3					Issuance Date: August 14, 2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.
		Hg	0.0018	0.0041			
		Ni	0.56	2.42			
		Pb	0.06	0.24			
		Sb	0.03	0.12			
		Se	0.05	0.20			
		Tl	0.02	0.08			
RACKFUG	Rack Process Fugitives (5)	VOC	0.01	0.01	2, 23	2, 6, 23	2
		H ₂ S	0.01	0.01			
FUGRC	Railcar Piping and Components (5)	VOC	0.01	0.02	2, 23	2, 6, 23	2
		H ₂ SO ₄ (6)	0.01	0.01			
		NH ₃	<0.01	<0.01			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3)
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - H₂SO₄ - sulfuric acid mist
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
 - NH₃ - ammonia
 - Ag - silver
 - As - arsenic
 - Ba - barium
 - Be - beryllium
 - Cd - cadmium
 - Cr - chromium

TCEQ-20648 (APDG 6193v5, Revised 10/18) Major NSR Summary Table

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

Cl ₂	-	chlorine
HCl	-	hydrogen chloride
Hg	-	mercury
Ni	-	nickel
Pb	-	lead
Sb	-	antimony
Se	-	selenium
Tl	-	thallium
H ₂ S	-	hydrogen sulfide

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Prevention of Significant Deterioration pollutant