



Eastman Chemical Company
Texas Operations
P.O. Box 7444
Longview, Texas 75607-7444
Phone: 903-237-5000

January 12, 2024

Submitted via STEERS

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

Re: Application for Renewal of Federal Operating Permit No. O1982, C1 – Oxo Aldehydes
Eastman Chemical Company, Texas Operations
Account No. HH-0042-M
Customer Reference No. CN601214406
Regulated Entity Reference No. RN100219815

Eastman Chemical Company (Eastman) is submitting its application for renewal of Federal Operating Permit No. O1982 for its C1 – Oxo Aldehydes area. Attached are the TCEQ forms containing the permit information. The TCEQ STEERS submittal certifies this application. If you have any questions regarding this renewal request, please contact me by telephone at (903) 237-6746 or by e-mail at maralaporte@eastman.com.

Sincerely,

Mara LaPorte
Advanced Chemical Engineer
Environmental Operations, Longview

Attachments

cc: <miguel.gaona@tceq.texas.gov>
<donna.dutcher@tceq.texas.gov>
<michelle.baetz@tceq.texas.gov>
<fredrick.lacy@tceq.texas.gov>
<R6AirPermitsTX@epa.gov >
<Mark.Meyer@tceq.texas.gov>

**EASTMAN CHEMICAL COMPANY
RENEWAL APPLICATION FOR PERMIT O1982
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OP-UA1 Table 1

2021/08

Miscellaneous Unit Attributes

Date: 1/12/2024			Permit No: O1982		Regulated Entity No: RN100219815		
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406				
FD#	Unit ID No.	SOP/GOP Index No	Unit Type	Date Constructed/ Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
2320	OX053WW1	63G-0055	EU	Existing			Group 1 Wastewater Stream as per 63.132(a)(1)(i) and 63.132(c) for Table 9 compounds - Total annual avg. Table 9 compounds are greater than 10,000 ppm (wt.) at any flowrate. Comply with 63.132(a)(2)(i) - equipment standard. Comply with 63.132(a)(2)(ii) - comply with control requirements of 63.138 - option selected is 63.138(d) - send wastewater stream to design stream stripper. Comply with 63.132(a)(2)(iii) - meet applicable monitoring and inspections requirements in 63.143, Comply with 63.132(a)(2)(iv) - meet applicable recordkeeping and reporting requirements in 63.146 and 63.147.

Date:	1/12/2024	Permit No:	O1982	Regulated Entity No:	RN100219815
Area Name:	C1 - Oxo Aldehydes	Customer Reference No.:	CN601214406		

FD#	Unit ID No.	SOP/GOP Index No	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No	Guidepole	Reid Vapor Pressure	Control Device ID No.
3520	OX027T166	60KB-0001	VOL	40K+	NONE	0.75-11.1	CVS-CD				C030B12

OP-UA3 Table 9a

2023/07

40 CFR 63 G: Organic HAPs from SOCMI

Storage Tanks/Vessels

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815		
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406					
FD#	Unit ID No.	SOP/GOP Index No	MACT Subpart F/G Applicability	NESHAP Subpart Y Applicability	NSPS Subpart Kb Applicability	Maximum TVP	Emission Control Type	AMOC ID No.
2273	OX026T148	63G-0004	Yes	No		11.11-	CVS-CD	
2274	OX026T162	63G-0004	Yes	No		11.11-	CVS-CD	
3651	OX026T194	63G-0008	Yes	No		11.11-	ROUTED	
3652	OX026T303	63G-0008	Yes	No		11.11-	ROUTED	
2162	OX026T32	63G-0004	Yes	No		11.11-	CVS-CD	
3496	OX026T35	63G-0018	No	No	No			
2163	SD022T114	63G-0001	Yes	No		11.11-	IFR	

OP-UA3 Table 9b

2023/07

40 CFR 63 G: Organic HAPs from SOCMI

Storage Tanks/Vessels

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815				
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406							
FD#		SOP/GOP	Seal	Closed	Hard	By-pass	Control	Control Device	Control Device	Design
	Unit ID No.	Index No	Type	Vent System	Piping	Lines	Device Type	ID No.	Design	Evaluation Submitted
2273	OX026T148	63G-0004		SUBPTG	Yes	NONE	FLARE	C027FL1		
2274	OX026T162	63G-0004		SUBPTG	Yes	NONE	FLARE	C027FL1		
3651	OX026T194	63G-0008		SUBPTG	Yes	NONE				
3652	OX026T303	63G-0008		SUBPTG	Yes	NONE				
2162	OX026T32	63G-0004		SUBPTG	Yes	NONE	FLARE	C027FL1		
3496	OX026T35	63G-0018								
2163	SD022T114	63G-0001	2SEALS							

OP-UA3 Table 14a

2023/07

40 CFR 63 Subpart G: Organic HAPs from SOCMI Wastewater

Storage Tanks/Vessels

Date: 1/12/2024		Permit No: O1982		Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes				Customer Reference No.: CN601214406			
FD#	Unit ID No.	SOP/GOP Index No	Process Wastewater	Meets 40 CFR 63.149(d)	Sparged	Emission Routing	Installed Before 12/31/92
2738	OX022T113	63G-0003	Yes				
2736	OX050T421	63G-0001	Yes				
3304	OX053T245	63G-0002	Yes				
3305	OX053T28	63G-0002	Yes				
3643	OX053T502	63G-0002	Yes				

OP-UA3 Table 14c

2023/07

40 CFR 63 Subpart G: Organic HAPs from SOCMI Wastewater

Storage Tanks/Vessels

Date: 1/12/2024

Permit No: O1982

Regulated Entity No: RN100219815

Area Name: C1 - Oxo Aldehydes

Customer Reference No.: CN601214406

FD#	Unit ID No.	SOP/GOP Index No	Wastewater Tank Usage	Wastewater Tank Properties	Designated Group 1	Emission Control Type	EEL ID No.	New Source
2738	OX022T113	63G-0003	No	OTHER	No	IFR		No
2736	OX050T421	63G-0001	No	75-151				
3304	OX053T245	63G-0002	No	75-				
3305	OX053T28	63G-0002	No	75-				
3643	OX053T502	63G-0002	No	75-				

OP-UA7 Table 1

2021/11

30 TAC Chapter 111 Visible Emissions and Particulate Matter

Flare Attributes

Date: 1/12/2024	Permit No: O1982	Regulated Entity No: RN100219815
Area Name: C1 - Oxo Aldehydes	Customer Reference No.: CN601214406	

FD#	Unit ID No.	SOP/GOP Index No	Acid Gases Only	Emergency/Upset Conditions Only	Alternate Opacity Limitation (AOL)	AOL ID No.	Construction Date
2164	OX005FL1	R1111-0001	No	No	No		
2275	OX005FL2	R1111-0001	No	No	No		
2276	OX027FL1	R1111-0001	No	No	No		

OP-UA7 Table 3		2021/11	40 CFR 60 and 40 CFR 61 Subpart A				Flare Attributes
Date: 1/12/2024		Permit No: O1982		Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes		Customer Reference No.: CN601214406					
FD#		SOP/GOP	Subject To				
	Unit ID No.	Index No	40 CFR	Adhering To Heat	Flare Assist	Flare Exit	Heating Value
			60.18	Content Specifications	Type	Velocity	Of Gas
3878	OX005FL1	60A-0001	Yes	Yes	STEAM	60-	

Date:	1/12/2024	Permit No:	O1982	Regulated Entity No:	RN100219815		
Area Name:	C1 - Oxo Aldehydes			Customer Reference No.:	CN601214406		

FD#	Unit ID No.	SOP/GOP Index No	Required Under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Flare Exit Velocity	Heating Value Of Gas
2907	OX005FL1	63A-0001	Yes	Yes	STEAM	60-	
2167	OX027FL1	63A-0003	Yes	Yes	NONE	60-	

Date: 1/12/2024				Permit No: O1982		Regulated Entity No: RN100219815		
Area Name: C1 - Oxo Aldehydes				Customer Reference No.: CN601214406				
FD#	Unit ID No.	SOP/GOP Index No	Equipment Type	Non Research and Development/ Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL
2173	OX053FG1	63H-0003	Yes	Yes	No	No		No

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815					
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406								
FD#			Pumps			Pressure Relief Devices			Sampling Connection Sys		
	Unit ID No.	SOP/GOP Index No	Light Liquid Service	Heavy Liquid Service	QIP	Compressors Any	Gas/Vapor Service	Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service
2173	OX053FG1	63H-0003	Yes	No	No	Yes	Yes	No	No	Yes	No

Date: 1/12/2024			Permit No: O1982		Regulated Entity No: RN100219815				
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406						
FD#			Open-Ended Valves or Lines		Valves			Connectors	
	Unit ID No.	SOP/GOP Index No	Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	QIP	Gas/Vapor or Light Liquid Service	Heavy Liquid Service
2173	OX053FG1	63H-0003	Yes	No	Yes	No	No	Yes	No

Date: 1/12/2024			Permit No: O1982		Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406					
FD#		SOP/GOP	Agitators		Instrumentation Systems		Surge Control Vessels or Bottom Receivers	
	Unit ID No.	Index No	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service	Any	Heavy Liquid Service
2173	OX053FG1	63H-0003	Yes	No	Yes	No	Yes	No

Date: 1/12/2024				Permit No: O1982		Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes				Customer Reference No.: CN601214406					
FD#	SOP/GOP		Any	Recovery or Recapture Devices	Control Device ID No.	Closed-Vent Systems		Control Device ID No.	Control Device ID No.
	Unit ID No.	Index No				Enclosed Combustion Devices	Flares		
2173	OX053FG1	63H-0003	Yes	No		No	Yes		C005FL1

Date: 1/12/2024		Permit No: O1982		Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes				Customer Reference No.: CN601214406			
FD#	Unit ID No.	SOP/GOP Index No	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description
2173	OX053FG1	63H-0003	No	No	Yes	No	Oxo Aldehyde Manufacturing Plant Fugitives

OP-UA17 Table 1a

2021/02

40 CFR 60 Subpart NNN VOCs from Synthetic Organic Chemical Processing Distillation Operations

Date: 1/12/2024

Permit No: O1982

Regulated Entity No: RN100219815

Area Name: C1 - Oxo Aldehydes

Customer Reference No.: CN601214406

FD#	Unit ID No.	SOP/GOP Index No	Subpart NNN Chemicals	Construction/ Modification Date	Vent Type	Distillation Unit Type	Total Design Capacity	Vent Stream Flow Rate
3895	OX004D12	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3896	OX004D12	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3897	OX004D22	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3898	OX004D22	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3899	OX004D57	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3900	OX004D57	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3901	OX004D58	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3902	OX004D58	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3903	OX053D11	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3904	OX053D11	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3905	OX053D15A	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3906	OX053D15A	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3972	OX053D19	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3973	OX053D19	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3974	OX053D21	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3975	OX053D21	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3907	OX053D31	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3908	OX053D31	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+
3909	OX053D4R	60NNN-0001a	Yes	83+	2+VRS	NONE	1+	8+
3910	OX053D4R	60NNN-0001b	Yes	83+	2+VRS	NONE	1+	8+

OP-UA17 Table 1b

2021/02

40 CFR 60 Subpart NNN VOCs from Synthetic Organic Chemical Processing Distillation Operations

Date: 1/12/2024		Permit No: O1982		Regulated Entity No: RN100219815						
Area Name: C1 - Oxo Aldehydes		Customer Reference No.: CN601214406								
FD#		SOP/GOP	Total Resource	TOC	Subpart NNN	ACT	Subpart NNN	Emission Point ID No(s).		Organic
	Unit ID No.	Index No	Effectiveness	Reduction	Control Device		ID No.	EP ID-1	EP ID-2	
3895	OX004D12	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3896	OX004D12	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3897	OX004D22	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3898	OX004D22	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3899	OX004D57	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3900	OX004D57	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3901	OX004D58	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3902	OX004D58	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3903	OX053D11	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3904	OX053D11	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3905	OX053D15A	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3906	OX053D15A	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3972	OX053D19	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3973	OX053D19	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3974	OX053D21	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3975	OX053D21	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3907	OX053D31	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3908	OX053D31	60NNN-0001b	8-B	No	FLARE		OL116FL1H			
3909	OX053D4R	60NNN-0001a	8-B	Yes	BPH44+		UD030B15			
3910	OX053D4R	60NNN-0001b	8-B	No	FLARE		OL116FL1H			

OP-UA48 Table 2 2020/04 40 CFR 60 Subpart RR Standards of Performance for VOC Emissions from SOCMI Air Oxidation Unit Processes

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406						
FD#	Unit ID No.	SOP/GOP Index No	Chemicals Listed In 60.707	Construction/Modification Date	Affected Facility Type	Subject To Title 40 CFR Part 60, Subpart DDD	Subject To Title 40 CFR Part 60, Subpart NNN	TRE Index Value	TRE for Halogenated Vent Stream
3814	OX004R1E	60RRR-0001a	Yes	90+	COMBO	No	No	8-	No
3815	OX004R1E	60RRR-0001b	Yes	90+	COMBO	No	No	8-	No

OP-UA48 Table 2b 2020/04 40 CFR 60 Subpart RR Standards of Performance for VOC Emissions from SOCMI Air Oxidation Unit Processes

Date: 1/12/2024		Permit No: O1982		Regulated Entity No: RN100219815			
Area Name: C1 - Oxo Aldehydes				Customer Reference No.: CN601214406			
FD#	Unit ID No.	SOP/GOP Index No	Total Design Capacity	Vent Stream Flow Rate	TOC Exemption	Control Device	Control Device ID No.
3814	OX004R1E	60RRR-0001a	1+	11+	NOEX	B44+	UD030B12
3815	OX004R1E	60RRR-0001b	1+	11+	NOEX	FLARE	OL116FL1H

OP-UA48 Table 2c

2020/04

40 CFR 60 Subpart RR

Standards of Performance for VOC Emissions from SOCMI Air Oxidation Unit Processes

Date: 1/12/2024		Permit No: O1982		Regulated Entity No: RN100219815				
Area Name: C1 - Oxo Aldehydes		Customer Reference No.: CN601214406						
FD#	Unit ID No.	SOP/GOP Index No	Secondary Fuel	Bypass Line	Bypass Line Valve Secured	Recovery Device	Recovery Device ID No.	Organic Monitoring Device
3814	OX004R1E	60RRR-0001a		No				
3815	OX004R1E	60RRR-0001b		No				

OP-UA58 Table 3a

2022/01

40 CFR 63 Subpart G: Organic HAPs from SOCM I Wastewater

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815				
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406							
FD#	SOP/GOP	Series		Compliance Under	Series	Biological	Wastewater	Wastewater	Treatment	Performance
Unit ID No.	Index No	of	Hard	Title 40 CFR	Design	Treatment	Stream	Stream	Process Design	Test
		Processes	Piping	§63.138(a)(7)(ii)	Evaluation	Process	Designation	Treatment	Evaluation	Exemption
2735	PROD20DSS	63G-0058	No			NONBIO	GRP1-9	STEAM		

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815					
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406								

FD#	Unit ID No.	SOP/GOP Index No	Combustion Processes	§63.145(e) Requirements Elected	Vented To Control	Fuel Gas System	Closed Vent System	By-Pass Lines	Combination of Control Devices	Control Device Type	Control Device ID No.
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2735	PROD20DSS	63G-0058			No						
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OP-UA58 Table 3c

2022/01

40 CFR 63 Subpart G: Organic HAPs from SOCMW Wastewater

Date: 1/12/2024			Permit No: O1982			Regulated Entity No: RN100219815				
Area Name: C1 - Oxo Aldehydes			Customer Reference No.: CN601214406							
FD#	SOP/GOP	Compliance With	Alternate				95%			Continuous
Unit ID No.	Index No	Title 40 CFR	Monitoring	AMP		Performance	Reduction	Monitoring	Continuous	Monitoring
		§63.139(c)(1)	Parameters	ID No.	Regereration	Tests	Efficiency	Options	Monitoring	ID No.
2735	PROD20DSS	63G-0058								

OP-UA60 Table 1a

2015/05

40 CFR 63 F: Organic HAPs from SOCM

Chemical Manufacturing Process Units

Date: 1/12/2024

Permit No: O1982

Regulated Entity No: RN100219815

Area Name: C1 - Oxo Aldehydes

Customer Reference No.: CN601214406

FD#	Unit ID No.	SOP/GOP Index No	Applicable Chemicals	Table 2 HAP	Alternate Means of Emission Limitatio (AMEL)	AMEL ID No.	Heat Exchange System	Cooling Water Pressure
2180	PROOXOALD	63F-0003	Yes	Yes	No		Yes	No

Date:	1/12/2024	Permit No:	O1982	Regulated Entity No:	RN100219815
Area Name:	C1 - Oxo Aldehydes	Customer Reference No.:	CN601214406		

FD#	Unit ID No.	SOP/GOP Index No	Intervening Cooling Fluid	Table 4 HAP Content	NPDES Permit	Meets 40 CFR 63.104(a)(4)(i) - (iv)	Table 9 HAP Content	Cooling Water Monitored
2180	PROOXOALD	63F-0003	No	No	No	No	No	Yes

Texas Commission on Environmental Quality

Title V Existing

1982

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	C1 - OXO ALDEHYDES
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	I-20 to Eastman Exit, South on Hwy 149, left on Garland Rd and left on Estes Blvd to Eastman Plant entrance.
City	Longview
State	TX
ZIP	75603
County	HARRISON
Latitude (N) (##.#####)	32.4375
Longitude (W) (-###.#####)	94.693611
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100219815
What is the name of the Regulated Entity (RE)?	EASTMAN CHEMICAL TEXAS OPERATIONS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	300 KODAK BLVD
City	LONGVIEW
State	TX
ZIP	75602
County	HARRISON
Latitude (N) (##.#####)	32.439444
Longitude (W) (-###.#####)	-94.701944
Facility NAICS Code	
What is the primary business of this entity?	MANUFACTURING CHEMICALS

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601214406
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Eastman Chemical Company
Texas SOS Filing Number	9719306
Federal Tax ID	621539359
State Franchise Tax ID	16215393592
State Sales Tax ID	

Local Tax ID	
DUNS Number	39108279
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	EASTMAN CHEMICAL COMPANY
Prefix	MR
First	ANDREW
Middle	
Last	COGGINS
Suffix	
Credentials	
Title	VP CI OLEFIN & DERIVATIVES MANUFACTURING TXO

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 7444
Routing (such as Mail Code, Dept., or Attn:)	
City	LONGVIEW
State	TX
ZIP	75607
Phone (###-###-####)	9032376200
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9032375799
E-mail	acoggins@eastman.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	AMY HOOPER(EASTMAN CHEMICA...)
Prefix	EASTMAN CHEMICAL COMPANY
First	MS
Middle	AMY
Last	HOOPER
Suffix	
Credentials	
Title	DIRECTOR TXO CHEMICALS MANUFACTURING DIVISION

Enter new address or copy one from list

Mailing Address	
Address Type	Domestic

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

PO BOX 7444

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

City

LONGVIEW

State

TX

Zip

75607

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

9032376114

Extension

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

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

9032376318

E-mail

ahoopers@eastman.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

New Contact

Organization Name

EASTMAN CHEMICAL COMPANY

Prefix

MS

First

MARA

Middle

Last

LAPORTE

Suffix

Credentials

Title

Advanced Chemical Engineer

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

PO BOX 7444

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

City

LONGVIEW

State

TX

ZIP

75607

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

9032376746

Extension

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

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

E-mail

MARALAPORTE@EASTMAN.COM

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

32 Deg 26 Min 15 Sec

3) Permit Longitude Coordinate:

94 Deg 41 Min 37 Sec

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

New Application

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

Renewal

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

No

through permit conversion?

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

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

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

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name

OP_1_3-C1_FOPO1982-Renew_OP-1.pdf

Hash

22A238932138926CAA21F932B5A53D8596D1893AB1B91A1AE747B5AD95AD893D

MIME-Type

application/pdf

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

[File Properties]

File Name

OP_2_4-C1_FOPO1982-Renew_OP-2.pdf

Hash

5C11FBEED6607C2625A45C42EF057143BC5D77A3AF5585095EB906E67D88C083

MIME-Type

application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name

OP_ACPS_10-C1_FOPO1982-Renew_OP-ACPS.pdf

Hash

AEF7684B97C414699154C38FCBF3412604F69B71539F6EE727A840D01AC3A0D1

MIME-Type

application/pdf

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

[File Properties]

File Name

OP_REQ1_7-C1_FOPO1982-Renew_OP-REQ1_Form.docx

Hash

40B9F9C797FFB0CD44C24722BE5ABA01157971C6BC8EB2DB77377275BBE321F7

MIME-Type

application/vnd.openxmlformats-officedocument.wordprocessingml.document

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

File Name

OP_REQ2_8-C1_FOPO1982-Renew_OP-REQ2.pdf

Hash

6B113EAE844AE1A4A184157C525A116E222279545C9CA59C3E72DDBAF855DC41

MIME-Type

application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name OP_REQ3_9-C1_FOPO1982-Renew_OP-REQ3.pdf
Hash 39B1080B0B9029D5948EB239F7916C6BAEC193F9E4B0391BED0C248C84F7C48A
MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name OP_PBRSUP_11-C1_FOPO1982-Renew_OP-PBRSUP.pdf
Hash C32196211DA8324BCCE9BFE5EA93088370241A37D152368705135CEBB00F5EE3
MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP_SUMR_5-C1_FOPO1982-Renew_OP-SUMR.pdf
Hash F098784A10696CA2B9539A542412929270CD1577CB5A3A7BC62DE24AF8140205
MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name 6-C1_FOPO1982-Renew_OP-UA_ALL.pdf
Hash C6FF33A3050EA26B74E7170A2872D711699B1B5A21236857E7D9906A3BC2C09D
MIME-Type application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name 1-C1_FOPO1982-Renew_Cover-Letter.pdf
Hash 8D903AC83D022182009F30851D238FB971891B29FBCA47820A1C2F9AE37F7EC6
MIME-Type application/pdf

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

[File Properties]

File Name 2-C1_FOPO1982-Renew_Table-of-Contents.pdf
Hash 6BFB94833958A1606278FE2C9B430E8F5C580EF8BE5D455B43EB1A1C0F9C9AA6
MIME-Type application/pdf

Expedite Title V

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

No

Certification

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

1. I am Amy B Hooper, the owner of the STEERS account ER100075.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1982.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Amy B Hooper OWNER OPERATOR

Account Number:	ER100075
Signature IP Address:	104.225.176.214
Signature Date:	2024-01-12
Signature Hash:	8C3E1F0BADA860747D27C6C0F46FF76C62C10A7622C10B6D18F516D4A6EF641C
Form Hash Code at time of Signature:	3DA4F9C228041034CF71F8B733BDB3AFED392DEC9E78C102EBC3933F856431A4

Submission

Reference Number:	The application reference number is 614511
Submitted by:	The application was submitted by ER100075/Amy B Hooper
Submitted Timestamp:	The application was submitted on 2024-01-12 at 11:43:21 CST
Submitted From:	The application was submitted from IP address 104.225.176.214
Confirmation Number:	The confirmation number is 509237
Steers Version:	The STEERS version is 6.72
Permit Number:	The permit number is 1982

Additional Information

Application Creator: This account was created by Mara Laporte

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

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

I. Company Identifying Information	
A.	Company Name: Eastman Chemical Company
B.	Customer Reference Number (CN): CN601214406
C.	Submittal Date (mm/dd/yyyy): 01/12/2024
II. Site Information	
A.	Site Name: Eastman Chemical Texas Operations
B.	Regulated Entity Reference Number (RN): RN100219815
C.	Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input checked="" type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input type="checkbox"/> N/A	
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS	
Other:	
E.	Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F.	Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type	
A.	Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)	

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>	
A. Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input 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 an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
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) Identifying Information	
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Andrew M. Coggins	
RO Title: VP, CI Olefin & Derivatives Manufacturing TXO	
Employer Name: Eastman Chemical Company	
Mailing Address: P.O. Box 7444	
City: Longview	
State: Texas	
ZIP Code: 75607-7444	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code: Bldg. 1	
Telephone No.: (903) 237-6200	
Fax No.: (903) 237-5799	
Email: acoggins@eastman.com	

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Mara L. LaPorte
Technical Contact Title: Advanced Chemical Engineer
Employer Name: Eastman Chemical Company
Mailing Address: P.O. Box 7444
City: Longview
State: Texas
ZIP Code: 75607-7444
Territory:
Country:
Foreign Postal Code:
Internal Mail Code: Bldg. 1
Telephone No.: (903) 237-6746
Fax No.: (903) 237-6318
Email: maralaporte@eastman.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Bryan Hughes
B. State Representative: Jay Dean
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

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: C1 – Oxo Aldehydes
B. Physical Address: 300 Kodak Blvd.
City: Longview
State: TX
ZIP Code: 75602
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

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

X. Application Area Information (continued)
G. Latitude (nearest second): 32-26-15
H. Longitude (nearest second): 94-41-37
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:
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 a public place to view application and draft permit: Marshall Public Library
B. Physical Address: 300 South Alamo St.
City: Marshall
ZIP Code: 75670
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Tim W. Aldredge
Contact Mailing Address: P.O. Box 7444
City: Longview
State: Texas
ZIP Code: 75607-7444
Territory:
Country:
Foreign Postal Code:
Internal Mail Code: Bldg. 1
Telephone No.: (903) 237-5826

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

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

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date: 1/12/2024	Permit No: O1982	Account No: HH0042M	Regulated Entity No.: RN100219815
Area Name: C1 - Oxo Aldehydes		Company Name: Eastman Chemical Company	Customer Reference No.: CN601214406

For Submittals to EPA (SOP renewal, minor revision, and significant revision applications only)	
Has a copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information)	YES

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 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 or NO)	YES
For GOP Revisions Only	The permitted area continues to qualify for a GOP (YES or 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	NOx	SO2	PM10	CO	Pb	HAPS	Other
Major at the Site (YES/NO)	YES	YES	YES	YES	YES	NO	YES	NO

IV. Reference Only Requirements (For reference only)	
Has the applicant paid emission fees for the most recent agency fiscal year (September 1 - August 31)?	YES
RO is opting out of electronic correspondence from TCEQ (otherwise leave blank)	<input type="checkbox"/> Opt-Out of E-mailed Docs

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.

TCEQ Application for Permit Revision/Renewal Form OP-2

Federal Operating Permit Program Table 2

Date: 1/12/2024		Permit No: O1982		Account No: HH0042M		Regulated Entity No.: RN100219815
Area Name: C1 - Oxo Aldehydes				Company Name: Eastman Chemical Company		Customer Reference No.: CN601214406
Revision		Unit/Group Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
No.	Code	New Unit	ID No.	Applicable Form		
1	MS-C	NO	OX004D12	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
2	MS-C	NO	OX004D22	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
3	MS-C	NO	OX004D57	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
4	MS-C	NO	OX004D58	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
5	MS-C	NO	OX004R1E	OP-UA48	N/A	OPUA UA Attrib-Value Change(s)
6	MS-C	NO	OX005FL1	OP-UA07	N/A	OPSUMR TAC_116_106 from '84724, 106.261/11/01/2003, 106.262/11/01/2003, 106.492/09/04/2000' To '1105, 84724'
7	MS-C	NO	OX005FL1	OP-UA07	N/A	OPUA UA Attrib-Value Change(s)
8	MS-C	NO	OX005FL2	OP-UA07	N/A	OPUA UA Attrib-Value Change(s)
9	MS-C	NO	OX005WW1	OP-REQ2	N/A	OPSUMR TAC_116_106 from '106.472/09/04/2000' To '1105'
10	MS-C	NO	OX005WW2	OP-REQ2	N/A	OPSUMR TAC_116_106 from '51/06/07/1996' To '1105'
11	MS-C	NO	OX022T113	OP-UA03	N/A	OPSUMR TAC_116_106 from '1105, 106.261/09/04/2000, 106.261/11/01/2003, 106.261/12/24/1998, 106.262/09/04/2000, 106.262/11/01/2003' To '1105'
12	MS-C	NO	OX026T148	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)
13	MS-C	NO	OX026T162	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)
14	MS-C	NO	OX026T194	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)
15	MS-C	NO	OX026T303	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)
16	MS-C	NO	OX026T32	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)
17	MS-C	NO	OX027FL1	OP-UA07	N/A	OPUA UA Attrib-Value Change(s)
18	MS-C	NO	OX027T166	OP-UA03	N/A	OPSUMR TAC_116_106 from '106.475/09/04/2000' To '1105'
19	MS-C	NO	OX027T166	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)
20	MS-C	NO	OX027T416	OP-REQ2	N/A	OPSUMR TAC_116_106 from '1105, 106.475/09/04/2000' To '1105'
21	MS-C	NO	OX027T417	OP-REQ2	N/A	OPSUMR TAC_116_106 from '1105, 106.475/09/04/2000' To '1105'
22	MS-C	NO	OX050T421	OP-UA03	N/A	OPSUMR TAC_116_106 from '106.261/09/04/2000, 106.261/11/01/2003, 106.262/09/04/2000, 106.262/11/01/2003, 106.478/09/04/2000' To '1105'
23	MS-C	NO	OX053D11	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
24	MS-C	NO	OX053D15A	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
25	MS-C	NO	OX053D19	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
26	MS-C	NO	OX053D21	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
27	MS-C	NO	OX053D31	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)
28	MS-C	NO	OX053D4R	OP-UA17	N/A	OPUA UA Attrib-Value Change(s)

TCEQ 10059 (APDG 5722v12, Revised 12/17) Form OP-2

Dataset= C1-2024 Renew_vs_2023Rev

This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Revised 03/10) PDC Corp OP-2

Printed: 12/14/2023 9:14:55 AM

Page 2 of 3

TCEQ Application for Permit Revision/Renewal Form OP-2

Federal Operating Permit Program Table 2

Date: 1/12/2024		Permit No: O1982		Account No: HH0042M		Regulated Entity No.: RN100219815
Area Name: C1 - Oxo Aldehydes				Company Name: Eastman Chemical Company		Customer Reference No.: CN601214406
Revision		Unit/Group Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
No.	Code	New Unit	ID No.	Applicable Form		
29	MS-C	NO	OX053FG1	OP-UA12	N/A	OPSUMR TAC_116_106 from '1105, 106.261/09/04/2000, 106.261/11/01/2003, 106.262/09/04/2000, 106.262/11/01/2003' To '1105, 106.261/11/01/2003 [167167]'
30	MS-C	NO	OX053FG7	OP-REQ2	N/A	OPSUMR Delete UnitID='OX053FG7'
31	MS-C	NO	OX053FG7	OP-REQ2	N/A	OPREQ2 Delete UnitID=OX053FG7 + Citation=60.480(a)(1)
32	MS-C	NO	OX053FG7	OP-REQ2	N/A	OPREQ2 Delete UnitID=OX053FG7 + Citation=61.110(a)
33	MS-C	NO	OX053FG7	OP-REQ2	N/A	OPREQ2 Delete UnitID=OX053FG7 + Citation=61.240(a)
34	MS-C	NO	OX053FG7	OP-REQ2	N/A	OPREQ2 Delete UnitID=OX053FG7 + Citation=63.100(b)
35	MS-C	NO	OX053H1	OP-REQ2	N/A	OPSUMR TAC_116_106 from '7/06/07/1996' To '1105'
36	MS-C	NO	OX053R600	OP-REQ2	N/A	OPSUMR TAC_116_106 from '82/06/07/1996' To '1105'
37	MS-C	YES	OX053T312	OP-REQ2	N/A	OPSUMR ADD UnitID=OX053T312
38	MS-C	YES	OX053T312	OP-REQ2	N/A	OPREQ2 ADD UnitID=OX053T312 Reg=NSPS Kb Citation=60.110b(a)
39	MS-C	YES	OX053T312	OP-REQ2	N/A	OPREQ2 ADD UnitID=OX053T312 Reg=NESHAPS Y Citation=61.270(a)
40	MS-C	YES	OX053T312	OP-REQ2	N/A	OPREQ2 ADD UnitID=OX053T312 Reg=NESHAPS FF Citation=61.340(b)
41	MS-C	YES	OX053T312	OP-REQ2	N/A	OPREQ2 ADD UnitID=OX053T312 Reg=MACT G Citation=63.100(b) --
42	MS-C	YES	OX053T312	OP-REQ2	N/A	OPREQ2 ADD UnitID=OX053T312 Reg=MACT YY Citation=63.1103(e)
43	MS-C	YES	OX053T312	OP-REQ2	N/A	OPREQ2 ADD UnitID=OX053T312 Reg=MACT FFFF Citation=63.2435(b)(1)
44	MS-C	NO	OX053T313	OP-REQ2	N/A	OPSUMR TAC_116_106 from '106.475/09/04/2000' To '1105'
45	MS-C	NO	OX053T322	OP-REQ2	N/A	OPSUMR TAC_116_106 from '1105, 106.475/09/04/2000' To '1105'
46	MS-C	NO	OX053T501	OP-REQ2	N/A	OPSUMR TAC_116_106 from '1105, 106.476/09/04/2000' To '1105'
47	MS-C	NO	OX053T502	OP-UA03	N/A	OPSUMR TAC_116_106 from '1105, 106.475/09/04/2000' To '1105'
48	MS-C	NO	OX053T505	OP-REQ2	N/A	OPSUMR TAC_116_106 from '1105, 106.475/09/04/2000' To '1105'
49	MS-C	NO	OX053T509	OP-REQ2	N/A	OPSUMR TAC_116_106 from '1105, 106.261/11/01/2003, 106.262/11/01/2003, 106.475/09/04/2000' To '1105'
50	MS-C	NO	OX053T605	OP-REQ2	N/A	OPSUMR TAC_116_106 from '106.472/09/04/2000' To '1105'
51	MS-C	NO	OX053WW1	OP-UA01	N/A	OPSUMR TAC_116_106 from '106.472/09/04/2000' To '1105'
52	MS-C	NO	OX053WW7	OP-REQ2	N/A	OPSUMR TAC_116_106 from '51/06/07/1996' To '1105'
53	MS-C	NO	PROPOX	OP-REQ2	N/A	OPSUMR TAC_116_106 from '82/06/07/1996' To '1105'
54	MS-C	NO	SD022T114	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)

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

Date: 01/12/2024	Regulated Entity No.: RN100219815	Permit No.: O1982
Company Name: Eastman Chemical Company		Area Name: C1 – Oxo Aldehydes

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

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	0
<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>	

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
OX053FG1	167167	106.261	12/02/2021
OX053GA1*	170776	106.261	10/27/2022

*Unit ID No. OX053GA1 is not listed on FOP O1982.

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

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date
OX005FL2	SE-80	06/07/1996

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

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OX053FG1	106.261	12/02/2021	NSR Permit No. 1105, Special Condition Nos. 1, 4, 6, 7, 8, 9, 10,
OX053GA1*	106.261	10/27/2022	NSR Permit No. 1105, Special Condition Nos. 1, 13
OX005FL2	SE-80	06/07/1996	NSR Permit No. 1105, Special Condition No. 19

*Unit ID No. OX053GA1 is not listed on FOP O1982.

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For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" type="checkbox"/> YES <input 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

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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

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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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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 type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 5

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 type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO

D. Loading and Unloading of VOCs

◆	1. The application area includes VOC loading operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 6	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 7		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 8		
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 type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 9	
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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Form OP-REQ1: Page 10

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)

K. Cutback Asphalt

<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<p>3. Asphalt emulsion is used or produced within the application area.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. The applicant using cutback asphalt is a state, municipal, or county agency.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels

<p>◆ 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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
<p>◆ 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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)

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

◆	3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

M. Petroleum Dry Cleaning Systems

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

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds

A. Applicability

◆	1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H. For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" 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. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</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 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

◆	1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input type="checkbox"/> NO

D. Adipic Acid Manufacturing

1.	The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
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E. Nitric Acid Manufacturing - Ozone Nonattainment Areas

1.	The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
----	--	--

F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines

◆	1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input 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 style="width: 80%;"> <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 style="width: 15%;"> <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 style="width: 80%;"> <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 style="width: 15%;"> <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 style="width: 80%;"> <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 style="width: 15%;"> <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 style="width: 80%;"> <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 style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <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 style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <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 style="width: 15%;"> <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

◆	1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

A. Applicability

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

B. Subpart F - National Emission Standard for Vinyl Chloride

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

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

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

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

D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants

- | | |
|---|--|
| 1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b).
<i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

E. Subpart M - National Emission Standard for Asbestos

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

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

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

Asbestos Spray Application (continued)

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

Fabricating Commercial Asbestos

5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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. ☐ YES ☐ NO
If the response to Question VII.H.15 is "NO," go to Question VII.H.18.

16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. ☐ YES ☐ NO
If the response to Question VII.H.16 is "YES," go to Question VII.H.18.

17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. ☐ YES ☐ NO

Individual Drain Systems

18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. ☐ YES ☐ NO
If the response to Question VII.H.18 is "NO," go to Question VII.H.25.

19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. ☐ YES ☐ NO
If the response to Question VII.H.19 is "YES," go to Question VII.H.25.

20. The application area has individual drain systems complying with 40 CFR § 61.346(a). ☐ YES ☐ NO
If the response to Question VII.H.20 is "NO," go to Question VII.H.22.

21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. ☐ YES ☐ NO

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

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

Individual Drain Systems (continued)

22. The application area has individual drain systems complying with 40 CFR § 61.346(b). ☐ YES ☐ NO
If the response to Question VII.H.22 is "NO," go to Question VII.H.25.

23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. ☐ YES ☐ NO

24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. ☐ YES ☐ NO

Remediation Activities

25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. ☐ YES ☐ NO

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

A. Applicability

◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. ☒ YES ☐ NO
See instructions for 40 CFR Part 63 subparts made applicable only by reference.

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). ☒ YES ☐ NO
If the response to Question VIII.B.1 is "NO," go to Section VIII.D.

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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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input checked="" 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 checked="" 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 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)

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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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. ☐ YES ☒ NO
If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.

9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater. ☐ YES ☐ NO

10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. ☐ YES ☐ NO

Transfer Racks

11. The application area includes Group 1 transfer racks that load organic HAPs. ☐ YES ☒ NO

Process Wastewater Streams

12. The application area includes process wastewater streams. ☒ YES ☐ NO
If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.

13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. ☐ YES ☒ NO
If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.

14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). ☐ YES ☐ NO

15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. ☐ YES ☒ NO
If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.

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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 checked="" type="checkbox"/> NO
18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	<input checked="" 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 checked="" 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 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)

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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 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)

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 checked="" 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 checked="" 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 checked="" 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. ☐ YES ☐ NO

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

Gas Streams

39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant. ☐ YES ☒ NO

40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5). ☐ YES ☒ NO

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

1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations. ☐ YES ☒ NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input 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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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). ☐ YES ☐ NO
If the response to Question VIII.N.9 is "NO," go to Section VIII.O.

10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992. ☐ YES ☐ NO

Containers, Drains, and other Appurtenances

11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii). ☐ YES ☐ NO

12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii). ☐ YES ☐ NO

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). ☐ YES ☒ NO ☐ N/A
If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P

2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. ☐ YES ☐ NO

3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265. ☐ YES ☐ NO

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

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

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

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

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

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

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

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

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

◆	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)

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

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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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input 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 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)

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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input checked="" 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 checked="" 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)

- | | |
|---|--|
| <p>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></p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>11. The application area includes containers with a capacity greater than 0.46 m³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.</p> | <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

- | | |
|--|---|
| <p>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></p> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <p>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></p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>3. Metallic scrap is utilized in the EAF.</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>4. Scrap containing motor vehicle scrap is utilized in the EAF.</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <p>5. Scrap not containing motor vehicle scrap is utilized in the EAF.</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)

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

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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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below. <p style="text-align: center;">Part 63, Subpart G (wastewater)</p>	
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 type="checkbox"/> YES <input checked="" 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 type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

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XI. Miscellaneous (continued)

L. Compliance Assurance Monitoring

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):
PSD Permit No.:	Issuance Date:	Pollutant(s):

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.: 1105	Issuance Date: 09/28/2023	Authorization No.:	Issuance Date:
Authorization No.: 84724	Issuance Date: 08/19/2013	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.: 80	Version No./Date: 06/07/1996
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
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PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

Form OP-REQ2

Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX004D12	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004D22	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004D57	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004D58	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004R1A	OP-REQ2	NSPS III	60.610(b)	Not an air oxidation process.
		OX004R1A	OP-REQ2	NSPS RRR	60.700(b)	Not constructed, modified, or reconstructed after 6/29/90.
		OX004R1A	OP-REQ2	MACT G	63.107(h)(3) --	Not a process vent; stream discharges to a fuel gas system.
		OX004R1B	OP-REQ2	NSPS III	60.610(b)	Not an air oxidation process.
		OX004R1B	OP-REQ2	NSPS RRR	60.700(b)	Not constructed, modified, or reconstructed after 6/29/90.
		OX004R1B	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004R1C	OP-REQ2	NSPS III	60.610(b)	Not an air oxidation process.
		OX004R1C	OP-REQ2	NSPS RRR	60.700(b)	Not constructed, modified, or reconstructed after 6/29/90.
		OX004R1C	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004R1D	OP-REQ2	NSPS III	60.610(b)	Not an air oxidation process.
		OX004R1D	OP-REQ2	NSPS RRR	60.700(b)	Not constructed, modified, or reconstructed after 6/29/90.
		OX004R1D	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004R1E	OP-REQ2	NSPS III	60.610(b)	Not an air oxidation process.
		OX004R1E	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX004T279	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX004T279	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX004T279	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX004T279	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX004T279	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX004T279	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX004T290	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX004T290	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX004T290	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX004T290	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX004T290	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX004T290	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX004T304	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX004T304	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX004T304	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.

Form OP-REQ2

Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX004T304	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX004T304	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX004T304	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX005FL2	OP-REQ2	NSPS A	60.18(a)	Not used to comply with Part 60 or 61 standards.
		OX005FL2	OP-REQ2	MACT A	63.11(a)	Not required by relevant Part 63 standards.
		OX005WW1	OP-REQ2	MACT FFFF	63.2435(b)(3)	Group 2 wastewater stream is an affected source subject to 40 CFR Part 63, Subpart G and is not a batch process vent.
		OX005WW2	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX022T113	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		OX022T113	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX022T113	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX022T113	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX022T113	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T148	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		OX026T148	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T148	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T148	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T148	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T153	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T153	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T153	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T153	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX026T153	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T153	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T154	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T154	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T154	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T154	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX026T154	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T154	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T155	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T155	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T155	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.

Form OP-REQ2

Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX026T155	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPI.
		OX026T155	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T155	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.
		OX026T162	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		OX026T162	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T162	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T162	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T162	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.
		OX026T163	OP-REQ2	NSPS K	60.110(a)	Unit does not store a petroleum liquid.
		OX026T163	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T163	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T163	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPI.
		OX026T163	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T163	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.
		OX026T164	OP-REQ2	NSPS Ka	60.110a(a)	Does not store a petroleum liquid.
		OX026T164	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T164	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T164	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPI.
		OX026T164	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T164	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.
		OX026T165	OP-REQ2	NSPS Ka	60.110a(a)	Does not store a petroleum liquid.
		OX026T165	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T165	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T165	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPI.
		OX026T165	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T165	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.
		OX026T194	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T194	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T194	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T194	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T194	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.
		OX026T302	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T302	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.

Form OP-REQ2

Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX026T302	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T302	OP-REQ2	MACT G	63.100(b) --	Not part of an affected CMPU.
		OX026T302	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T302	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T303	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T303	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T303	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T303	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T303	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T32	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		OX026T32	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T32	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T32	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T32	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T33	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX026T33	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T33	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T33	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX026T33	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T33	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX026T35	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		OX026T35	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX026T35	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX026T35	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX026T35	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX027FL1	OP-REQ2	NSPS A	60.18(a)	Not used to comply with Part 60 or 61 standards.
		OX027T166	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX027T166	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX027T166	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX027T166	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX027T166	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX027T167	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX027T167	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.

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Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX027T167	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX027T167	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX027T167	OP-REQ2	MACT G	63.119(a)(1)	Storage vessel does not store any HAPs.
		OX027T167	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX027T414	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX027T414	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX027T414	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX027T414	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX027T414	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX027T414	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX027T415	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX027T415	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX027T415	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX027T415	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX027T415	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX027T415	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX027T416	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX027T416	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX027T416	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX027T416	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX027T416	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX027T416	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX027T417	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX027T417	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX027T417	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX027T417	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX027T417	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX027T417	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX050T146	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX050T146	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX050T146	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX050T146	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX050T146	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.

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Negative Applicable Requirements Determination

Federal Operating Permit Program

Date: 01/12/2024	Permit No: O1982	Account No: HH0042M	Regulated Entity No.: RN100219815
Area Name: C1 - Oxo Aldehydes		Company Name: Eastman Chemical Company	Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX050T146	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX050T147	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX050T147	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX050T147	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX050T147	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX050T147	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX050T147	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX050T400	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX050T400	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX050T400	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX050T400	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX050T400	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX050T400	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX050T412	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX050T412	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX050T412	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX050T412	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX050T412	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX050T412	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX050T421	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		OX050T421	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX050T421	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX050T421	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX050T421	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053D11	OP-REQ2	MACT G	63.101(b) --	Unit does not have a process vent; stream discharges to a fuel gas system.
		OX053D11S	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D11S	OP-REQ2	MACT G	63.101(b) --	Unit does not have a process vent; gas stream does not originate from a distillation unit (as defined in §63.101).
		OX053D12S	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D12S	OP-REQ2	MACT G	63.101(b) --	Unit does not have a process vent; gas stream does not originate from a distillation unit (as defined in §63.101).
		OX053D13	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.

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Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX053D13	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D13A	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D13A	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D15A	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D16	OP-REQ2	NSPS NNN	60.660(b)	Unit does not meet the definition of a distillation unit per §60.661.
		OX053D16	OP-REQ2	MACT G	63.107(h)(3) --	Not a process vent; stream discharges to a fuel gas system.
		OX053D17	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D17	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D18	OP-REQ2	NSPS NNN	60.660(b)	Unit does not meet the definition of a distillation unit per §60.661.
		OX053D18	OP-REQ2	MACT G	63.101(b) --	Unit does not have a process vent; gas stream does not originate from a distillation unit (as defined in §63.101).
		OX053D19	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D19	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D2	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D2	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D20	OP-REQ2	NSPS NNN	60.660(b)	Unit does not meet the definition of a distillation unit per §60.661.
		OX053D21	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D21	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D31	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D35	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D35	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D3A	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D3A	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D4R	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D5A	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D5A	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053D7A	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D7A	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053D8	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D8	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053D9	OP-REQ2	NSPS NNN	60.660(b)	Not constructed, modified, or reconstructed after 12/30/83.
		OX053D9	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.

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Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX053FG1	OP-REQ2	NSPS VV	60.480(b)	Affected sources not constructed, modified, or reconstructed after 01/05/81.
		OX053FG1	OP-REQ2	NESHAPS J	61.110(a)	Affected sources do not have sources in benzene service.
		OX053FG1	OP-REQ2	NESHAPS V	61.240(a)	Affected sources do not have sources in VHAP service.
D	31	OX053FG7	OP-REQ2	NSPS VV	60.480(a)(1)	Not an affected facility in the SOCMI per §60.489 list.
D	32	OX053FG7	OP-REQ2	NESHAPS J	61.110(a)	Affected sources do not have sources in benzene service.
D	33	OX053FG7	OP-REQ2	NESHAPS V	61.240(a)	Affected sources do not have sources in VHAP service.
D	34	OX053FG7	OP-REQ2	MACT H	63.100(b)	Not part of an affected CMPU.
		OX053H1	OP-REQ2	MACT DDDDD	63.1(a)(2)	Unit is a temporary boiler as defined in §63.7575.
		OX053R600	OP-REQ2	NSPS III	60.610(b)	Not an air oxidation process.
		OX053R600	OP-REQ2	NSPS RRR	60.700(a)	Process unit does not produce a chemical listed on §60.707.
		OX053R600	OP-REQ2	MACT G	63.110(a)	Unit is not part of an affected CMPU.
		OX053R600	OP-REQ2	MACT FFFF	63.2435(c)(7)	Process unit produces carbon monoxide.
		OX053T10	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX053T10	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T10	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T10	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T10	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T10	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T245	OP-REQ2	NSPS K	60.110(a)	Unit does not store a petroleum liquid.
		OX053T245	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T245	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T245	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T245	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T28	OP-REQ2	NSPS K	60.110(a)	Unit does not store a petroleum liquid.
		OX053T28	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T28	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T28	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T28	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T304	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX053T304	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T304	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T304	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.

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Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX053T304	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T304	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
A	38	OX053T312	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
A	39	OX053T312	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
A	40	OX053T312	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
A	41	OX053T312	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
A	42	OX053T312	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
A	43	OX053T312	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T313	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T313	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T313	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T313	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T313	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T313	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T322	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		OX053T322	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T322	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T322	OP-REQ2	MACT G	63.100(b) --	Not a HON storage vessel.
		OX053T322	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T322	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T501	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T501	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T501	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T501	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T501	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T501	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T502	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T502	OP-REQ2	NESHAPS Y	61.270(a)	Does not store refined benzene.
		OX053T502	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T502	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T502	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T503	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T503	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.

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Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX053T503	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T503	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T503	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T503	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T504	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T504	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T504	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T504	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T504	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T504	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T505	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T505	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T505	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T505	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T505	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T505	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T509	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T509	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T509	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T509	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T509	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T509	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T605	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T605	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T605	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T605	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T605	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		OX053T605	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053T71	OP-REQ2	NSPS Kb	60.110b(a)	Unit storage capacity is less than 75 cubic meters.
		OX053T71	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		OX053T71	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		OX053T71	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		OX053T71	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.

Form OP-REQ2

Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		OX053T71	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		OX053WW4	OP-REQ2	MACT G	63.111	Design steam stripper bottoms are not residuals from treatment of a Group 1 wastewater stream.
		OX053WW7	OP-REQ2	MACT G	63.100(b)(1) --	Unit is not part of an affected CMPU.
		PROOXOALD	OP-REQ2	MACT FFFF	63.2435(b)(3)	Process is subject to Part 63 Subpart F and does not include any process vents as identified in §63.100(j)(4).
		PROPOX	OP-REQ2	MACT F	63.100(b)(1)	Not an affected CMPU.
		PROPOX	OP-REQ2	MACT FFFF	63.2435(c)(7)	Carbon monoxide production processes are not subject to Subpart FFFF.
		SD022T109	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		SD022T109	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		SD022T109	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		SD022T109	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		SD022T109	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		SD022T109	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		SD022T114	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid
		SD022T114	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		SD022T114	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		SD022T114	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit
		SD022T114	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		SD023T135	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		SD023T135	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		SD023T135	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		SD023T135	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		SD023T135	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		SD023T135	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		SD100T33	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.
		SD100T33	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		SD100T33	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		SD100T33	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPU.
		SD100T33	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		SD100T33	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCPU.
		SD100T34	OP-REQ2	NSPS K	60.110(a)	Does not store a petroleum liquid.

Form OP-REQ2

Negative Applicable Requirements Determination

Federal Operating Permit Program

Date:	01/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.: CN601214406

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applic Form			
		SD100T34	OP-REQ2	NESHAPS Y	61.270(a)	Unit does not store refined or industrial grade benzene.
		SD100T34	OP-REQ2	NESHAPS FF	61.340(b)	Not used to manage a benzene containing waste stream.
		SD100T34	OP-REQ2	MACT G	63.100(b) --	Unit is not part of an affected CMPI.
		SD100T34	OP-REQ2	MACT YY	63.1103(e)	Not part of an ethylene production unit.
		SD100T34	OP-REQ2	MACT FFFF	63.2435(b)(1)	Not part of an affected MCP.

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX004D12	OP-UA17	60NNN-0001A 3895	VOC/TOC	NSPS NNN	60.662(a)	
	OX004D12	OP-UA17	60NNN-0001B 3896	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX004D22	OP-UA17	60NNN-0001A 3897	VOC/TOC	NSPS NNN	60.662(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX004D22	OP-UA17	60NNN-0001B 3898	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX004D57	OP-UA17	60NNN-0001A 3899	VOC/TOC	NSPS NNN	60.662(a)	
	OX004D57	OP-UA17	60NNN-0001B 3900	VOC/TOC	NSPS NNN	60.662(b) 60.18	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		SOP Index No.	FD#	Pollutant	Applicable Regulatory Requirement		
	IDNo	Applicable Form				Name	Standard(s)	Version Code
	OX004D58	OP-UA17	60NNN-0001A	3901	VOC/TOC	NSPS NNN	60.662(a)	
	OX004D58	OP-UA17	60NNN-0001B	3902	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX004R1E	OP-UA48	60RRR-0001A	3814	VOC/TOC	NSPS RRR	60.702(a) [G]60.704(b)(5)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX004R1E	OP-UA48	60RRR-0001B 3815	VOC/TOC	NSPS RRR	60.702(b) 60.18	
	OX005FL1	OP-UA07	60A-0001 3878	OPACITY	NSPS A	60.18(b) 60.18(c)(1) 60.18(c)(2) 60.18(c)(3)(ii) 60.18(c)(4)(i) 60.18(c)(6) 60.18(e)	
	OX005FL1	OP-UA07	63A-0001 2907	OPACITY	MACT A	63.11(b)(4) 63.11(b)(1) 63.11(b)(2) 63.11(b)(3) 63.11(b)(5) 63.11(b)(6)(ii)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
						63.11(b)(7)(i)	
	OX005FL1	OP-UA07	R1111-0001 2164	OPACITY	Chapter 111	111.111(a)(4)(A)	
	OX005FL2	OP-UA07	R1111-0001 2275	OPACITY	Chapter 111	111.111(a)(4)(A)	
	OX022T113	OP-UA03	63G-0003 2738	HAPS	MACT G	63.133(a)(2)(ii) 63.132(a)(2)(i)(A) 63.132(a)(2)(i)(B) [G]63.132(f) 63.133(f) 63.133(h) 63.140(a) 63.140(b) 63.140(c) 63.144(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX026T148	OP-UA03	63G-00042273	HAPS	MACT G	63.119(e) 63.11 63.119(a)(1) 63.119(e)(1) 63.119(e)(3) 63.119(e)(4) 63.119(e)(5) [G]63.148(d) 63.148(e)	
	OX026T162	OP-UA03	63G-00042274	HAPS	MACT G	63.119(e) 63.11 63.119(a)(1) 63.119(e)(1) 63.119(e)(3)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
						63.119(e)(4) 63.119(e)(5) [G]63.148(d) 63.148(e)	
	OX026T194	OP-UA03	63G-0008	3651	HAPS	MACT G	63.119(e) 63.119(a)(1) 63.119(e)(2) 63.119(e)(3) 63.119(e)(4) 63.119(e)(5) [G]63.148(d) 63.148(e)

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX026T303	OP-UA03	63G-0008	3652 HAPS	MACT G	63.119(e) 63.119(a)(1) 63.119(e)(2) 63.119(e)(3) 63.119(e)(4) 63.119(e)(5) [G]63.148(d) 63.148(e)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX026T32	OP-UA03	63G-00042162	HAPS	MACT G	63.119(e) 63.11 63.119(a)(1) 63.119(e)(1) 63.119(e)(3) 63.119(e)(4) 63.119(e)(5) [G]63.148(d) 63.148(e)	
	OX026T35	OP-UA03	63G-00183496	HAPS	MACT G	63.119(a)(3)	
	OX027FL1	OP-UA07	63A-00032167	OPACITY	MACT A	63.11(b)(4)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
						63.11(b)(1) 63.11(b)(2) 63.11(b)(3) 63.11(b)(5) 63.11(b)(6)(ii) 63.11(b)(7)(i)	
	OX027FL1	OP-UA07	R1111-0001 2276	OPACITY	Chapter 111	111.111(a)(4)(A)	
	OX027T166	OP-UA03	60KB-0001 3520	VOC	NSPS Kb	[G]60.112b(a)(3)	
	OX050T421	OP-UA03	63G-0001 2736	HAPS	MACT G	63.133(a)(1)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053D11	OP-UA17	60NNN-0001A 3903	VOC/TOC	NSPS NNN	60.662(a)	
	OX053D11	OP-UA17	60NNN-0001B 3904	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX053D15A	OP-UA17	60NNN-0001A 3905	VOC/TOC	NSPS NNN	60.662(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053D15A	OP-UA17	60NNN-0001B 3906	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX053D19	OP-UA17	60NNN-0001A 3972	VOC/TOC	NSPS NNN	60.662(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053D19	OP-UA17	60NNN-0001B 3973	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX053D21	OP-UA17	60NNN-0001A 3974	VOC/TOC	NSPS NNN	60.662(a)	
	OX053D21	OP-UA17	60NNN-0001B 3975	VOC/TOC	NSPS NNN	60.662(b) 60.18	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053D31	OP-UA17	60NNN-0001A 3907	VOC/TOC	NSPS NNN	60.662(a)	
	OX053D31	OP-UA17	60NNN-0001B 3908	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX053D4R	OP-UA17	60NNN-0001A 3909	VOC/TOC	NSPS NNN	60.662(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053D4R	OP-UA17	60NNN-0001B 3910	VOC/TOC	NSPS NNN	60.662(b) 60.18	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.163 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171 [G]63.176	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.165 63.162(a) 63.162(c) [G]63.162(g)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement		
	IDNo	Applicable Form			Name	Standard(s)	Version Code
						63.162(h) [G]63.171	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.166 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.167 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171 [G]63.175	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.168 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
						[G]63.175	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	63.170 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.164 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.173 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.174 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	[G]63.169 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	5
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H	63.172(a) [G]63.172(h) 63.172(i) 63.172(m)	6
	OX053FG1	OP-UA12	63H-0003 2173	HAPS	MACT H		7

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
						63.172(d) 63.11(b) 63.172(e) [G]63.172(h) 63.172(m)	
	OX053T245	OP-UA03	63G-0002 3304	HAPS	MACT G	63.133(a)(1)	
	OX053T28	OP-UA03	63G-0002 3305	HAPS	MACT G	63.133(a)(1)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	OX053T502	OP-UA03	63G-00023643	HAPS	MACT G	63.133(a)(1)	
	OX053WW1	OP-UA01	63G-00552320	HAPS	MACT G	[G]63.138(d) [G]63.132(f) [G]63.138(k) 63.140(a) 63.140(b) 63.140(c) 63.144(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		FD#		Applicable Regulatory Requirement		
	IDNo	Applicable Form	SOP Index No.	Pollutant	Name	Standard(s)	Version Code
	PROD20DSS	OP-UA58	63G-0058	2735 HAPS	MACT G	[G]63.138(d) [G]63.132(f) [G]63.138(k) 63.140(a) 63.140(b)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement		
	IDNo	Applicable Form			Name	Standard(s)	Version Code
						63.140(c) 63.144(a)	
	PROOXOALD	OP-UA60	63F-0003	2180 HAPS	MACT H	63.100(b) [G]63.102(a)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement		
	IDNo	Applicable Form			Name	Standard(s)	Version Code
						[G]63.102(c) 63.104(a) [G]63.104(d) 63.104(e) 63.104(e)(1) [G]63.104(e)(2) 63.105(d)	
	SD022T114	OP-UA03	63G-0001 2163	HAPS	MACT G	63.119(b) 63.119(a)(1) [G]63.119(b)(1) 63.119(b)(2) 63.119(b)(3)(iii) 63.119(b)(4) 63.119(b)(5)(i) 63.119(b)(5)(ii) 63.119(b)(5)(iii) 63.119(b)(5)(iv) 63.119(b)(5)(v) 63.119(b)(5)(vi) 63.119(b)(5)(vii) [G]63.119(b)(5)(viii) 63.119(b)(6) 63.120(a)(4) 63.120(a)(7)	

Date: 01/12/2024	Account No: HH0042M	Permit No: O1982
Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process	FD#		Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.						
	OX004D12	60NNN-0001A	3895	VOC/TOC		60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX004D12	60NNN-0001B	3896	VOC/TOC		60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX004D22	60NNN-0001A	3897	VOC/TOC		60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k)

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	IDNo	SOP Index No.	Pollutant				
						60.665(d) 60.665(e)	60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX004D22	60NNN-0001B	3898	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX004D57	60NNN-0001A	3899	VOC/TOC	60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX004D57	60NNN-0001B	3900	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2)	60.663(b)(2) 60.665(b) 60.665(b)(3)	60.665(a) 60.665(b) 60.665(b)(3)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
					60.664(a) 60.664(d) [G]60.664(e)	60.665(d) 60.665(f)	60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX004D58	60NNN-0001A	3901	VOC/TOC	60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX004D58	60NNN-0001B	3902	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX004R1E	60RRR-0001A	3814	VOC/TOC	60.703(c) 60.704(a) 60.704(b)	60.705(b) 60.705(b)(2)(i) 60.705(c)	60.705(a) 60.705(b) 60.705(b)(2)(i)

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Rev No.	Unit/Group/Process	FD#	SOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo							
						60.704(b)(1) 60.704(b)(2) 60.704(b)(3) [G]60.704(b)(4)	60.705(c)(4) 60.705(s)	60.705(c) 60.705(c)(4) 60.705(k) 60.705(l) 60.705(l)(1) 60.705(s)
	OX004R1E	60RRR-0001B	3815	VOC/TOC		60.703(b) 60.703(b)(1) 60.704(a) 60.704(c) [G]60.704(d)	60.705(b) 60.705(b)(3) 60.705(e) 60.705(s)	60.705(a) 60.705(b) 60.705(b)(3) 60.705(k) 60.705(l) 60.705(l)(3) 60.705(s)
	OX005FL1	60A-0001	3878	OPACITY		60.18(d) 60.18(f)(1) 60.18(f)(2) 60.18(f)(3) 60.18(f)(4)		
	OX005FL1	63A-0001	2907	OPACITY		63.11(b)(4) 63.11(b)(5) 63.11(b)(7)(i)		

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	IDNo							
	OX005FL1	R1111-0001	2164	OPACITY		111.111(a)(4)(A)(i) 111.111(a)(4)(A)(ii)	111.111(a)(4)(A)(ii)	
	OX005FL2	R1111-0001	2275	OPACITY		111.111(a)(4)(A)(i) 111.111(a)(4)(A)(ii)	111.111(a)(4)(A)(ii)	
	OX022T113	63G-0003	2738	HAPS		63.133(f) 63.133(g) 63.133(g)(2) 63.133(g)(3) 63.143(a) 63.143(g)	63.133(h) 63.147(b) 63.147(b)(1) 63.147(b)(6) 63.147(b)(7) [G]63.152(a)	63.146(b)(2) 63.146(b)(5) 63.146(b)(6) 63.146(c) 63.146(g) [G]63.151(b) 63.151(e) 63.151(e)(1) 63.151(e)(2) 63.151(e)(3) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(3)(ii)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							63.152(c)(4)(ii) [G]63.152(c)(6)
	OX026T148	63G-0004	2273	HAPS	63.120(e)(1) 63.120(e)(4) 63.120(e)(5) 63.148(b)(1)(ii) [G]63.148(c) 63.148(g) 63.148(g)(2) 63.148(h) 63.148(h)(2)	63.123(a) [G]63.123(f)(2) 63.148(g)(2) 63.148(h)(2) 63.148(i)(1) 63.148(i)(2) [G]63.148(i)(4) 63.148(i)(5) 63.148(i)(6) [G]63.152(a)	[G]63.120(e)(2) 63.122(c)(2) [G]63.122(g)(1) [G]63.122(g)(3) 63.148(j) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(4)(ii) [G]63.152(c)(6)
	OX026T162	63G-0004	2274	HAPS	63.120(e)(1) 63.120(e)(4) 63.120(e)(5)	63.123(a) [G]63.123(f)(2) 63.148(g)(2)	[G]63.120(e)(2) 63.122(c)(2) [G]63.122(g)(1)

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Rev No.	Unit/Group/Process	FD#	SOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo							
						63.148(b)(1)(ii) [G]63.148(c) 63.148(g) 63.148(g)(2) 63.148(h) 63.148(h)(2)	63.148(h)(2) 63.148(i)(1) 63.148(i)(2) [G]63.148(i)(4) 63.148(i)(5) 63.148(i)(6) [G]63.152(a)	[G]63.122(g)(3) 63.148(j) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(4)(ii) [G]63.152(c)(6)
	OX026T194	63G-0008	3651	HAPS		63.120(d)(6) 63.148(b)(1)(ii) [G]63.148(c) 63.148(g) 63.148(g)(2) 63.148(h) 63.148(h)(2)	63.123(a) [G]63.123(f)(2) 63.148(g)(2) 63.148(h)(2) 63.148(i)(1) 63.148(i)(2) [G]63.148(i)(4) 63.148(i)(5) 63.148(i)(6) [G]63.152(a)	63.122(b) 63.122(c)(1) [G]63.122(g)(1) [G]63.122(g)(2) 63.148(j) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							[G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(4)(ii) [G]63.152(c)(6)
	OX026T303	63G-0008	3652 HAPS		63.120(d)(6) 63.148(b)(1)(ii) [G]63.148(c) 63.148(g) 63.148(g)(2) 63.148(h) 63.148(h)(2)	63.123(a) [G]63.123(f)(2) 63.148(g)(2) 63.148(h)(2) 63.148(i)(1) 63.148(i)(2) [G]63.148(i)(4) 63.148(i)(5) 63.148(i)(6) [G]63.152(a)	63.122(b) 63.122(c)(1) [G]63.122(g)(1) [G]63.122(g)(2) 63.148(j) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(4)(ii) [G]63.152(c)(6)
	OX026T32	63G-0004	2162	HAPS	63.120(e)(1) 63.120(e)(4) 63.120(e)(5) 63.148(b)(1)(ii) [G]63.148(c) 63.148(g) 63.148(g)(2) 63.148(h) 63.148(h)(2)	63.123(a) [G]63.123(f)(2) 63.148(g)(2) 63.148(h)(2) 63.148(i)(1) 63.148(i)(2) [G]63.148(i)(4) 63.148(i)(5) 63.148(i)(6) [G]63.152(a)	[G]63.120(e)(2) 63.122(c)(2) [G]63.122(g)(1) [G]63.122(g)(3) 63.148(j) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(4)(ii) [G]63.152(c)(6)
	OX026T35	63G-0018	3496	HAPS		63.123(a)	63.152(c)(4)(iii)

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	IDNo	SOP Index No.						
	OX027FL1	63A-0003	2167	OPACITY		63.11(b)(4) 63.11(b)(5) 63.11(b)(7)(i)		
	OX027FL1	R1111-0001	2276	OPACITY		111.111(a)(4)(A)(i) 111.111(a)(4)(A)(ii)	111.111(a)(4)(A)(ii)	
	OX027T166	60KB-0001	3520	VOC		** See Periodic Monitoring Summary	60.115b	[G]60.113b(c)(1)
						[G]60.113b(c)(1) 60.113b(c)(2) 60.116b(a) 60.116b(b) 60.116b(e) 60.116b(e)(1) [G]60.116b(e)(3) [G]60.485(b)	[G]60.115b(c) 60.116b(a) 60.116b(b)	60.115b
	OX050T421	63G-0001	2736	HAPS				63.146(b)(2) 63.146(b)(5) [G]63.151(b) 63.151(e) 63.151(e)(1)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							63.151(e)(2) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(c)(1) 63.152(c)(4)(ii)
	OX053D11	60NNN-0001A	3903	VOC/TOC	60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX053D11	60NNN-0001B	3904	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX053D15A	60NNN-0001A	3905	VOC/TOC			

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Rev No.	Unit/Group/Process	FD#	SOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo							
						60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX053D15A	60NNN-0001B	3906	VOC/TOC		60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX053D19	60NNN-0001A	3972	VOC/TOC		60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(d)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l)

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	IDNo	SOP Index No.	Pollutant				
						60.665(e)	60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX053D19	60NNN-0001B	3973	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX053D21	60NNN-0001A	3974	VOC/TOC	60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX053D21	60NNN-0001B	3975	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k)

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	IDNo	SOP Index No.	Pollutant				
					60.664(d) [G]60.664(e)	60.665(f)	60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX053D31	60NNN-0001A	3907	VOC/TOC	60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX053D31	60NNN-0001B	3908	VOC/TOC	60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX053D4R	60NNN-0001A	3909	VOC/TOC	60.663(c) 60.663(c)(1) 60.663(d) 60.664(c)	60.663(c)(1) 60.663(d) 60.665(b) 60.665(b)(2)	60.665(a) 60.665(b) 60.665(b)(2) 60.665(b)(2)(i)

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	IDNo							
							60.665(b)(2)(i) 60.665(c) 60.665(c)(4) 60.665(d) 60.665(e)	60.665(c) 60.665(c)(4) 60.665(k) 60.665(l) 60.665(l)(1) 60.665(l)(2) 60.665(l)(3)
	OX053D4R	60NNN-0001B	3910	VOC/TOC		60.663(b) 60.663(b)(1) 60.663(b)(2) 60.664(a) 60.664(d) [G]60.664(e)	60.663(b)(2) 60.665(b) 60.665(b)(3) 60.665(d) 60.665(f)	60.665(a) 60.665(b) 60.665(b)(3) 60.665(k) 60.665(l) 60.665(l)(2) 60.665(l)(4)
	OX053FG1	63H-0003	2173	HAPS		[G]63.163 [G]63.176 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(h) [G]63.181(h)(3) 63.181(h)(4) [G]63.181(h)(5) 63.181(h)(6) 63.181(h)(7) 63.181(h)(8)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS				

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
					[G]63.165 [G]63.180(b) [G]63.180(c) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(f)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003 2173	HAPS		[G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003 2173	HAPS		[G]63.175 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) 63.181(h) [G]63.181(h)(1) [G]63.181(h)(2) 63.181(h)(4) [G]63.181(h)(5) 63.181(h)(6) 63.181(h)(7)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003 2173	HAPS		[G]63.168 [G]63.175 [G]63.180(b)	63.181(a) [G]63.181(b) 63.181(c)	[G]63.182(a) [G]63.182(b) 63.182(c)

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Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process	FD#	SOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo							
						[G]63.180(d)	[G]63.181(d) 63.181(h) [G]63.181(h)(1) [G]63.181(h)(2) 63.181(h)(4) [G]63.181(h)(5) 63.181(h)(6) 63.181(h)(7)	[G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS		[G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS		[G]63.164 [G]63.180(b) [G]63.180(c) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) [G]63.181(f)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS		[G]63.173 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS	[G]63.174 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS	5 [G]63.169 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053FG1	63H-0003	2173	HAPS	6 [G]63.172(f)(1) [G]63.172(f)(2) 63.172(g) [G]63.172(h) [G]63.172(l) [G]63.180(b) [G]63.180(d)	[G]63.172(l) 63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(g) 63.181(g)(1)(i) 63.181(g)(1)(ii)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
						[G]63.181(g)(2) [G]63.181(g)(3)	
	OX053FG1	63H-0003 2173	HAPS	7	63.172(e) [G]63.172(h) [G]63.180(b) [G]63.180(d) [G]63.180(e)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(g) 63.181(g)(1)(i) 63.181(g)(1)(ii) 63.181(g)(1)(iii) 63.181(g)(1)(iv) [G]63.181(g)(2)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	OX053T245	63G-0002 3304	HAPS				63.146(b)(2) 63.146(b)(5) [G]63.151(b) 63.151(e) 63.151(e)(1) 63.151(e)(2) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(c)(1) 63.152(c)(4)(ii)
	OX053T28	63G-0002 3305	HAPS				63.146(b)(2)

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Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							63.146(b)(5) [G]63.151(b) 63.151(e) 63.151(e)(1) 63.151(e)(2) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(c)(1) 63.152(c)(4)(ii)
	OX053T502	63G-0002	3643	HAPS			63.146(b)(2) 63.146(b)(5) [G]63.151(b) 63.151(e) 63.151(e)(1) 63.151(e)(2) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(c)(1) 63.152(c)(4)(ii)
	OX053WW1	63G-0055	2320	HAPS	63.143(b) 63.143(f) 63.143(g)	63.143(f) 63.144(b)(3) 63.144(b)(4)	63.146(b)(2) 63.146(b)(4) 63.146(b)(5)

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Rev No.	Unit/Group/Process	FD#	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.					
					63.144(b) 63.144(b)(1) 63.144(b)(2) 63.144(b)(3) 63.144(b)(4) 63.144(b)(5) [G]63.144(b)(5)(i) 63.144(b)(5)(ii) [G]63.144(b)(5)(iii) 63.144(b)(5)(iv) 63.144(b)(6) 63.144(c) 63.144(c)(1) 63.144(c)(2) 63.144(c)(3) 63.144(c)(4) 63.145(a) 63.145(a)(1) 63.145(a)(3) 63.145(a)(5)	63.144(b)(5)(ii) 63.144(c)(1) 63.144(c)(2) 63.144(c)(3) 63.145(a)(3) 63.147(b) 63.147(b)(4) 63.147(b)(7) 63.147(d) 63.147(e) 63.147(f) [G]63.152(a) [G]63.152(f)	63.146(b)(6) [G]63.146(b)(8) [G]63.146(d) 63.146(f) [G]63.151(b) 63.151(e) 63.151(e)(1) 63.151(e)(2) 63.151(e)(3) [G]63.151(g) 63.151(h) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) [G]63.152(b)(2) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(2)(iv) 63.152(c)(3) 63.152(c)(3)(i) 63.152(c)(3)(ii) 63.152(c)(4)(ii) [G]63.152(c)(6)
	PROD20DSS	63G-0058	2735	HAPS			

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Rev No.	Unit/Group/Process	FD#	SOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo							
						63.143(b)	63.143(f)	63.146(b)(2)
						63.143(f)	63.144(b)(3)	63.146(b)(4)
						63.143(g)	63.144(b)(4)	63.146(b)(5)
						63.144(b)	63.144(b)(5)(ii)	63.146(b)(6)
						63.144(b)(1)	63.144(c)(1)	[G]63.146(b)(8)
						63.144(b)(2)	63.144(c)(2)	[G]63.146(d)
						63.144(b)(3)	63.144(c)(3)	63.146(f)
						63.144(b)(4)	63.145(a)(3)	[G]63.151(b)
						63.144(b)(5)	63.147(b)	63.151(e)
						[G]63.144(b)(5)(i)	63.147(b)(4)	63.151(e)(1)
						63.144(b)(5)(ii)	63.147(b)(7)	63.151(e)(2)
						[G]63.144(b)(5)(iii)	63.147(d)	63.151(e)(3)
						63.144(b)(5)(iv)	63.147(e)	[G]63.151(g)
						63.144(b)(6)	63.147(f)	63.151(h)
						63.144(c)	[G]63.152(a)	[G]63.151(j)
						63.144(c)(1)	[G]63.152(f)	[G]63.152(a)
						63.144(c)(2)		63.152(b)
						63.144(c)(3)		[G]63.152(b)(1)
						63.144(c)(4)		[G]63.152(b)(2)
						63.145(a)		63.152(b)(4)
						63.145(a)(1)		63.152(c)(1)
						63.145(a)(3)		63.152(c)(2)
						63.145(a)(5)		63.152(c)(2)(i)
								[G]63.152(c)(2)(ii)
								63.152(c)(2)(iii)
								63.152(c)(2)(iv)
								63.152(c)(3)
								63.152(c)(3)(i)
								63.152(c)(3)(ii)
								63.152(c)(4)(ii)

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Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process	FD#		Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.	Pollutant				
							[G]63.152(c)(6)
	PROOXOALD	63F-0003	2180	HAPS	63.103(b)(1) 63.103(b)(3) 63.103(b)(4) [G]63.103(b)(5) 63.103(b)(6) [G]63.104(b)	[G]63.103(c) [G]63.104(e)(2) [G]63.104(f)(1) [G]63.105(b) 63.105(c) 63.105(e)	63.103(b)(2) [G]63.103(b)(5) [G]63.103(d) [G]63.104(f)(2)
	SD022T114	63G-0001	2163	HAPS	63.120(a)(3)(i) 63.120(a)(3)(ii) 63.120(a)(3)(iii)	63.120(a)(4) 63.123(a) 63.123(c) 63.123(g) [G]63.152(a)	63.120(a)(5) 63.120(a)(6) 63.122(d) 63.122(d)(1)(ii) 63.122(d)(1)(iii) 63.122(d)(2)(ii) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)

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Area Name: C1 - Oxo Aldehydes		

Rev No.	Unit/Group/Process	FD#	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	IDNo	SOP Index No.					

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Revision 04/10

Date: 1/12/2024		Permit No: O1982		Account No: HH0042M		Regulated Entity No.: RN100219815	
Area Name: C1 - Oxo Aldehydes				Company Name: Eastman Chemical Company		Customer Reference No.: CN601214406	
Unit						Preconstruction Authorization	
Unit AI	Revision Number	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		OX004D12	OP-UA17	DISTILLATION COLUMN 13D-12		1105	
		OX004D22	OP-UA17	DISTILLATION COLUMN 13D-22		1105	
		OX004D57	OP-UA17	DISTILLATION COLUMN 14D-57		1105	
		OX004D58	OP-UA17	DISTILLATION COLUMN 14D-58		1105	
		OX004R1A	OP-REQ2	REACTOR 14R-1A		1105	
		OX004R1B	OP-REQ2	REACTOR 14R-1B		1105	
		OX004R1C	OP-REQ2	REACTOR 14R-1C		1105	
		OX004R1D	OP-REQ2	REACTOR 14R-1D		1105	
		OX004R1E	OP-UA48	REACTOR 14R-1E		1105	
		OX004T279	OP-REQ2	TANK 13TK-279		1105	
		OX004T290	OP-REQ2	TANK 14TK-290		1105	
		OX004T304	OP-REQ2	TANK 14TK-304		1105	
	6	OX005FL1	OP-UA07	OXO 30" FLARE		1105, 84724	
		OX005FL2	OP-UA07	FLARE (POX)		84724, 80/06/07/1996	
	9	OX005WW1	OP-REQ2	OXO 30" FLARE SEAL POT WASTEWATER		1105	
	10	OX005WW2	OP-REQ2	POX FLARE SEAL POT WASTEWATER		1105	
	11	OX022T113	OP-UA03	STORAGE TANK 40TK-113		1105	
		OX026T148	OP-UA03	STORAGE TANK 43TK-148		1105	
		OX026T153	OP-REQ2	STORAGE TANK 43TK-153		1105	
		OX026T154	OP-REQ2	STORAGE TANK 43TK-154		1105	
		OX026T155	OP-REQ2	STORAGE TANK 43TK-155		1105	
		OX026T162	OP-UA03	STORAGE TANK 43TK-162		1105	
		OX026T163	OP-REQ2	STORAGE TANK 43TK-163		1105	
		OX026T164	OP-REQ2	STORAGE TANK 43TK-164		1105	
		OX026T165	OP-REQ2	STORAGE TANK 43TK-165		1105	
		OX026T194	OP-UA03	STORAGE TANK 43TK-194		1105	

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Date:	1/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815	
Area Name:	C1 - Oxo Aldehydes	Company Name:	Eastman Chemical Company	Customer Reference No.:	CN601214406			
Revision Number	Unit ID No.	Applicable Form	Group AI	Group ID No.	Process AI	Process ID No.	Plant AI	Plant ID No.
	OX004D12	OP-UA17						
	OX004D22	OP-UA17						
	OX004D57	OP-UA17						
	OX004D58	OP-UA17						
	OX004R1A	OP-REQ2						
	OX004R1B	OP-REQ2						
	OX004R1C	OP-REQ2						
	OX004R1D	OP-REQ2						
	OX004R1E	OP-UA48						
	OX004T279	OP-REQ2						
	OX004T290	OP-REQ2						
	OX004T304	OP-REQ2						
6	OX005FL1	OP-UA07						
	OX005FL2	OP-UA07						
9	OX005WW1	OP-REQ2						
10	OX005WW2	OP-REQ2						
11	OX022T113	OP-UA03						
	OX026T148	OP-UA03						
	OX026T153	OP-REQ2						
	OX026T154	OP-REQ2						
	OX026T155	OP-REQ2						
	OX026T162	OP-UA03						
	OX026T163	OP-REQ2						
	OX026T164	OP-REQ2						
	OX026T165	OP-REQ2						
	OX026T194	OP-UA03						

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Area Name: C1 - Oxo Aldehydes				Company Name: Eastman Chemical Company		Customer Reference No.: CN601214406	
Unit						Preconstruction Authorization	
Unit AI	Revision Number	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		OX026T302	OP-REQ2	STORAGE TANK 43TK-302		1105	
		OX026T303	OP-UA03	STORAGE TANK 43TK-303		1105	
		OX026T32	OP-UA03	STORAGE TANK 43TK-32		1105	
		OX026T33	OP-REQ2	STORAGE TANK 43TK-33		1105	
		OX026T35	OP-UA03	STORAGE TANK 43TK-35		1105	
		OX027FL1	OP-UA07	FLARE (BLDG. 43)		1105, 84724	
	18	OX027T166	OP-UA03	STORAGE TANK 43TK-166		1105	
		OX027T167	OP-REQ2	STORAGE TANK 43TK-167		1105	
		OX027T414	OP-REQ2	STORAGE TANK 43TK-414		1105	
		OX027T415	OP-REQ2	STORAGE TANK 43TK-415		1105	
	20	OX027T416	OP-REQ2	STORAGE TANK 43TK-416		1105	
	21	OX027T417	OP-REQ2	STORAGE TANK 43TK-417		1105	
		OX050T146	OP-REQ2	STORAGE TANK 43TK-146		1105	
		OX050T147	OP-REQ2	STORAGE TANK 43TK-147		1105	
		OX050T400	OP-REQ2	STORAGE TANK 43TK-400		1105	
		OX050T412	OP-REQ2	STORAGE TANK 43TK-412		1105	
	22	OX050T421	OP-UA03	STORAGE TANK 43TK-421		1105	
		OX053D11	OP-UA17	DISTILLATION COLUMN 13D-11		1105	
		OX053D11S	OP-REQ2	DISTILLATION COLUMN 12D-11		1105	
		OX053D12S	OP-REQ2	DISTILLATION COLUMN 12D-12		1105	
		OX053D13	OP-REQ2	DISTILLATION COLUMN 12D-13		1105	
		OX053D13A	OP-REQ2	DISTILLATION COLUMN 13D-13A		1105	
		OX053D15A	OP-UA17	DISTILLATION COLUMN 13D-15		1105	
		OX053D16	OP-REQ2	DISTILLATION COLUMN 12D-16		1105	
		OX053D17	OP-REQ2	DISTILLATION COLUMN 13D-17		1105	
		OX053D18	OP-REQ2	DISTILLATION COLUMN 13D-18		1105	

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Area Name:	C1 - Oxo Aldehydes	Company Name:	Eastman Chemical Company	Customer Reference No.:	CN601214406			
Revision Number	Unit ID No.	Applicable Form	Group AI	Group ID No.	Process AI	Process ID No.	Plant AI	Plant ID No.
	OX026T302	OP-REQ2						
	OX026T303	OP-UA03						
	OX026T32	OP-UA03						
	OX026T33	OP-REQ2						
	OX026T35	OP-UA03						
	OX027FL1	OP-UA07						
18	OX027T166	OP-UA03						
	OX027T167	OP-REQ2						
	OX027T414	OP-REQ2						
	OX027T415	OP-REQ2						
20	OX027T416	OP-REQ2						
21	OX027T417	OP-REQ2						
	OX050T146	OP-REQ2						
	OX050T147	OP-REQ2						
	OX050T400	OP-REQ2						
	OX050T412	OP-REQ2						
22	OX050T421	OP-UA03						
	OX053D11	OP-UA17						
	OX053D11S	OP-REQ2						
	OX053D12S	OP-REQ2						
	OX053D13	OP-REQ2						
	OX053D13A	OP-REQ2						
	OX053D15A	OP-UA17						
	OX053D16	OP-REQ2						
	OX053D17	OP-REQ2						
	OX053D18	OP-REQ2						

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Area Name: C1 - Oxo Aldehydes				Company Name: Eastman Chemical Company		Customer Reference No.: CN601214406	
Unit						Preconstruction Authorization	
Unit AI	Revision Number	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		OX053D19	OP-UA17	DISTILLATION COLUMN 13D-19		1105	
		OX053D2	OP-REQ2	DISTILLATION COLUMN 13D-2		1105	
		OX053D20	OP-REQ2	DISTILLATION COLUMN 13D-20		1105	
		OX053D21	OP-UA17	DISTILLATION COLUMN 13D-21		1105	
		OX053D31	OP-UA17	DISTILLATION COLUMN 13D-31		1105	
		OX053D35	OP-REQ2	DISTILLATION COLUMN 13D-35R		1105	
		OX053D3A	OP-REQ2	DISTILLATION COLUMN 12D-3		1105	
		OX053D4R	OP-UA17	DISTILLATION COLUMN 13D-4R SOUTH		1105	
		OX053D5A	OP-REQ2	DISTILLATION COLUMN 12D-5A		1105	
		OX053D7A	OP-REQ2	DISTILLATION COLUMN 12D-7A		1105	
		OX053D8	OP-REQ2	DISTILLATION COLUMN 13D-8		1105	
		OX053D9	OP-REQ2	DISTILLATION COLUMN 13D-9		1105	
	29	OX053FG1	OP-UA12	OXO ALDEHYDE PROCESS EQUIPMENT LEAKS		1105, 106.261/11/01/2003 [167167]	
D	30	OX053FG7	OP-REQ2	POX PROCESS EQUIPMENT LEAKS		1105, 82/06/07/1996	
	35	OX053H1	OP-REQ2	POX STARTUP HEATER		1105	
	36	OX053R600	OP-REQ2	REACTOR 12R-600		1105	
		OX053T10	OP-REQ2	PROCESS TANK 13TK-10		1105	
		OX053T245	OP-UA03	PROCESS TANK 13TK-245		1105	
		OX053T28	OP-UA03	PROCESS TANK 13TK-28		1105	
		OX053T304	OP-REQ2	PROCESS TANK 14TK-304		1105	
A	37	OX053T312	OP-REQ2	STORAGE TANK 12TK-312		1105	
	44	OX053T313	OP-REQ2	STORAGE TANK 12TK-313		1105	
	45	OX053T322	OP-REQ2	PROCESS TANK 12TK-322		1105	
	46	OX053T501	OP-REQ2	STORAGE TANK 11-2TK-501		1105	
	47	OX053T502	OP-UA03	PROCESS TANK 11-2TK-502		1105	
		OX053T503	OP-REQ2	PROCESS TANK 11-2TK-503		1105	

Form OP-SUMR Individual Unit Summary for Revisions (Page 2 of 2)

Revision 04/10

Date:	1/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815	
Area Name:	C1 - Oxo Aldehydes	Company Name:	Eastman Chemical Company	Customer Reference No.:	CN601214406			
Revision Number	Unit ID No.	Applicable Form	Group AI	Group ID No.	Process AI	Process ID No.	Plant AI	Plant ID No.
	OX053D19	OP-UA17						
	OX053D2	OP-REQ2						
	OX053D20	OP-REQ2						
	OX053D21	OP-UA17						
	OX053D31	OP-UA17						
	OX053D35	OP-REQ2						
	OX053D3A	OP-REQ2						
	OX053D4R	OP-UA17						
	OX053D5A	OP-REQ2						
	OX053D7A	OP-REQ2						
	OX053D8	OP-REQ2						
	OX053D9	OP-REQ2						
29	OX053FG1	OP-UA12						
30	OX053FG7	OP-REQ2						
35	OX053H1	OP-REQ2						
36	OX053R600	OP-REQ2						
	OX053T10	OP-REQ2						
	OX053T245	OP-UA03						
	OX053T28	OP-UA03						
	OX053T304	OP-REQ2						
37	OX053T312	OP-REQ2						
44	OX053T313	OP-REQ2						
45	OX053T322	OP-REQ2						
46	OX053T501	OP-REQ2						
47	OX053T502	OP-UA03						
	OX053T503	OP-REQ2						

Form OP-SUMR Individual Unit Summary for Revisions (Page 1 of 2)

Revision 04/10

Date:	1/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815	
Area Name:	C1 - Oxo Aldehydes			Company Name:	Eastman Chemical Company		Customer Reference No.:	CN601214406
Unit						Preconstruction Authorization		
Unit AI	Revision Number	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I	
		OX053T504	OP-REQ2	PROCESS TANK 11-2TK-504		1105		
	48	OX053T505	OP-REQ2	STORAGE TANK 11-2TK-505		1105		
	49	OX053T509	OP-REQ2	PROCESS TANK 11-2TK-509		1105		
	50	OX053T605	OP-REQ2	PROCESS TANK 12D-605		1105		
		OX053T71	OP-REQ2	PROCESS TANK 13TK-71		1105		
	51	OX053WW1	OP-UA01	COLUMN 12D-16 WASTEWATER		1105		
		OX053WW4	OP-REQ2	DESIGN STEAM STRIPPER 13D-20 WASTEWATER		1105		
	52	OX053WW7	OP-REQ2	POX UNIT WASTEWATER		1105		
		PROD20DSS	OP-UA58	HON WASTEWATER TREATMENT PROCESS		1105		
		PROOXOALD	OP-UA60	OXO ALDEHYDES PROCESS		1105		
	53	PROPOX	OP-REQ2	PARTIAL OXIDATION SYNTHESIS GAS PROCESS		1105		
		SD022T109	OP-REQ2	STORAGE TANK 40TK-109		1105		
		SD022T114	OP-UA03	STORAGE TANK 40TK-114		1105		
		SD023T135	OP-REQ2	STORAGE TANK 40TK-135		1105		
		SD100T33	OP-REQ2	STORAGE TANK 62TK-33		1105		
		SD100T34	OP-REQ2	STORAGE TANK 62TK-34		1105		

Form OP-SUMR Individual Unit Summary for Revisions (Page 2 of 2)

Revision 04/10

Date:	1/12/2024	Permit No:	O1982	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C1 - Oxo Aldehydes	Company Name:	Eastman Chemical Company	Customer Reference No.:	CN601214406		

Revision Number	Unit ID No.	Applicable Form	Group AI	Group ID No.	Process AI	Process ID No.	Plant AI	Plant ID No.
	OX053T504	OP-REQ2						
48	OX053T505	OP-REQ2						
49	OX053T509	OP-REQ2						
50	OX053T605	OP-REQ2						
	OX053T71	OP-REQ2						
51	OX053WW1	OP-UA01						
	OX053WW4	OP-REQ2						
52	OX053WW7	OP-REQ2						
	PROD20DSS	OP-UA58						
	PROOXOALD	OP-UA60						
53	PROPOX	OP-REQ2						
	SD022T109	OP-REQ2						
	SD022T114	OP-UA03						
	SD023T135	OP-REQ2						
	SD100T33	OP-REQ2						
	SD100T34	OP-REQ2						

Datarows in this report= 94

Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

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

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

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

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
OX053FG1	167167	106.261	12/02/2021
OX053GA1*	170776	106.261	10/27/2022
OX053FG1	176815	106.261 and 106.262	Pending

*Unit ID No. OX053GA1 is not listed on FOP O1982.

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

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date
OX005FL2	SE-80	06/07/1996

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

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
01/12/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OX053FG1	106.261	12/02/2021	All valves, pumps, and compressors that contain or contact fluids that contain equal to or greater than 10% VOC with an aggregate partial pressure equal to or greater than 0.44 psia @ 68F are monitored quarterly for leaks per the State of Texas' 28VHP LDAR program. Skip options may be utilized as allowed.
OX053GA1*	106.261	10/27/2022	The permit holder shall maintain an emissions record which includes calculated emissions of VOC from the process analyzer (EPN 053GA1) during the previous calendar month and the past consecutive 12-month period. The record shall include analyzer identification number, name of VOC, and percentage in VOC mole.
OX005FL2	SE-80	06/07/1996	The flare is monitored continuously for a pilot flame.

*Unit ID No. OX053GA1 is not listed on FOP O1982.



Eastman Chemical Company
Texas Operations
P.O. Box 7444
Longview, Texas 75607-7444
Phone: 903-237-5000

July 22, 2024

Uploaded to STEERS

Mr. Mark Meyer
Texas Commission on Environmental Quality
Air Permits Division, Operating Permits Section, MC-163
P.O. Box 13087
Austin, Texas 78711-3087

Re: Certification of Changes to Application for Renewal, TCEQ Project No. 36210
Federal Operating Permit No. O1982, C1 – Oxo Aldehydes
Account No. HH-0042-M
Customer Reference No. CN601214406
Regulated Entity Reference No. RN100219815

Mr. Meyer:

Eastman Chemical Company ("Eastman") is submitting a signed TCEQ Form OP-CRO1 which certifies the changes to the renewal application and comments on the working draft permit (WDP) for Federal Operating Permit (FOP) No. O1982 for the C1 – Oxo Aldehydes area, TCEQ Project No. 36210. If you have any questions regarding this submittal, please contact me by phone at (903) 237-6813 or by email at laura.anderson@eastman.com.

Sincerely,

Laura Anderson
Advanced Chemical Engineer
Environmental Operations, Longview

Attachments

cc: Ms. Michelle Baetz
Regional Air/Waste/Emergency Response Section Manager
TCEQ Region 5
2916 Teague Drive
Tyler, Texas 75701-3734

EPA Region 6
(R6AirPermitsTX@EPA.gov)

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: RN100219815	CN: CN601214406	Account No.: HH-0042-M
Permit No.: O1982	Project No.: 36210	
Area Name: C1 – Oxo Aldehydes	Company Name: Eastman Chemical Company	
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 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		
<p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>Amy B. Hooper</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>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:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From <u>February 20, 2024</u> to <u>July 22, 2024</u> <i>Start Date</i> <i>End Date</i></p> <p>Specific Dates: <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></p> <p>Signature: _____ Signature Date: _____</p> <p>Title: <u>Director, TXO Chemicals Manufacturing Division</u></p>		

From: [Mark Meyer](#)
To: [Laura Anderson \(US\)](#)
Cc: [Mara LaPorte \(US\)](#); [Timothy McMeen \(US\)](#)
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024
Date: Monday, July 22, 2024 11:32:28 AM

Good morning,

As a follow-up, in addition to the information/documentation referenced below in the email dated 7/16/2024, the project has now passed QAQC. Accordingly, we are ready for the final OP-CRO1 certifying all changes since the original renewal application submittal on 1/12/2024.

As a reminder/verification, PBR registration no. 176815, for PBRs §§ 106.261 and 106.262, associated with unit OX053FG1, was issued 7/18/2024.

The information/documentation referenced below can be submitted prior to the OP-CRO1 and does not have to be submitted at the same time as the OP-CRO1.

Please let me know if you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, July 17, 2024 9:35 AM
To: Laura Anderson (US) <Laura.Anderson@eastman.com>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Thank you, ma'am.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Laura Anderson (US) <Laura.Anderson@eastman.com>
Sent: Wednesday, July 17, 2024 9:33 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Mr. Meyer,

Eastman is confirming receipt of the updated information for C1 Oxo Aldehydes area (O-1982 – Project 36210). I will review and send the requested information as soon as possible.

Thank you,

Laura Anderson

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Tuesday, July 16, 2024 11:25 AM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Good morning,

Related to the updated OP-PBR SUP submitted 7/9/2024 (attached), please note and address, as appropriate, the following:

1. I have communicated with PBR staff, and they have advised registration no. 176815 (Project 376128), should be completed, and issued this week, so it is not a problem to incorporate the action into this renewal project for O1982. That said, please confirm the pending PBR registration for unit OX053FG1, whose reference was added in the OP-PBR SUP, requires no related, additional changes/updates that need to be incorporated into the permit, aside from the reference of the registration;
2. Please submit a revised OP-PBR SUP indicating an appropriate submittal date (either 7/9/2024 or the date you submit it now). Whenever submitted, the OP-PBR SUP must be a complete submittal (i.e., all four form Tables) and it must indicate the “current” submittal date, in order to be able to identify that exact document submittal.
3. As a result of the incorporation of PBR registration No. 176815, the draft permit has changed. Accordingly, please see the attached updated draft permit that includes the following related changes to the incorporation of the PBR incorporation and the soon-to-be-submitted revised OP-PBR SUP:
 - a. On page 7, the submittal date of the revised OP-PBR SUP will need to be added;
 - b. On page 59, reference to PBR 106.262 (11/01/2003) has been added to the “New Source Review Authorization References” table; and
 - c. On page 63, reference to PBR 106.262 and Registration No. 176815 (for both 106.261 and 106.262) has been added to unit OX053FG1 in the “New Source Review Authorization References by Emissions Unit” table.

Please provide the requested revised documents at your very earliest opportunity.

I have submitted the project for QAQC, so I will be requesting the final OP-CRO1, certifying the changes

made since the original application submittal, in the very near future.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, July 10, 2024 5:48 AM
To: Laura Anderson (US) <Laura.Anderson@eastman.com>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Good morning,

Thank you for the responses and related information. Appreciated. Regarding the usage of the UA58, this is the first I have come across such a situation. Interesting.

Please note that for future reference for the OP-PBRSUP, only registrations that have been issued should be included on Table 1, as only issued registrations can be included and identified in a Federal Operating Permit (FOP).

Thank you, again.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

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From: Laura Anderson (US) <Laura.Anderson@eastman.com>
Sent: Tuesday, July 9, 2024 10:49 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Mr. Meyer,

I have reviewed the WDP for C1 – Oxo Aldehydes (O1982 – Project 36210), and have updates for the additional items requested below.

1. I have attached the updated OP-PBRSUP with the requested references. I also included the pending PBR 176815 in Table A for reference even though it has not been issued yet.
2. As seen in the attached email from Mr. Chaphekar in reference to the same question, Eastman and the TCEQ agreed that the individual wastewater stream should not be listed in UA58 but the wastewater treatment process that processes these individual streams should be listed on the UA58 form for determining MACT G applicability. The treatment process PROD20DSS is listed on the UA58 form, but the OX053WW1 will not be listed on the form.

I have reviewed the citation and T&C changes, and have no issues with the changes.

Please let me know if you have any further questions, thank you.

Laura Anderson

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Wednesday, June 19, 2024 5:41 PM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C`1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

CAUTION: External Email

Good evening,

I have completed the technical review of the renewal application submitted for Eastman Chemical Company and the C1 - Oxo Aldehydes Area (Project 36210, Permit O1982). Attached, please find the Working Draft Permit (WDP) (v1), for your review and approval and/or comments.

During the technical review process, the following items were identified that need additional information and/or clarification:

1. The submitted OP-PBRSUP (dated 1/12/2024) indicates references to NSR permit 1105 and Special Conditions associated with that NSR permit as the "Monitoring Requirements" column on Table D. Per previous projects, EPA typically objects to a PBRSUP "referencing a reference" for the monitoring.

Accordingly, please provide an updated Table D with specific information/data included in the "Monitoring Requirement" column in place of the references for the three units.

Please be reminded that when submitting an OP-PBRSUP form, the entire form must be submitted and indicate a new, appropriate date.

2. Please submit an updated UA58 to include unit OX053WW1, along with the currently identified and included unit PROD20DSS.

Please advise accordingly if for some reason you believe unit OX053WW1 does not belong on the UA 58 instead of the submitted UA1.

3. Please note the attached WDP (v1) contains the existing requirements from the effective SOP in the Applicable Requirements Summary (ARS) table for units OX022T113, PROD20DSS, and OX053WW1. Due to the related attribute updates, I have submitted a Logic request to update our RRT database so that the proper requirements populate in the permit.

The RRT updated should be completed within the next week, but I did not want to delay providing the WDP, so that you may perform, or at least begin, your review, with only a final review focusing on these three units will be needed once the Logic request is completed. I will provide the update WDP once Logic has indeed been completed. I do not anticipate the changes, if any, to be significant.

Please review and provide your approval and/or comments at your earliest opportunity, but please no later than COB on Wednesday, 7/10/2024.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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-----Original Message-----

From: Mark Meyer
Sent: Wednesday, June 19, 2024 8:37 AM
To: Laura Anderson (US) <Laura.Anderson@eastman.com>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good deal. No problem at all.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits Texas Commission on Environmental Quality
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-----Original Message-----

From: Laura Anderson (US) <Laura.Anderson@eastman.com>
Sent: Wednesday, June 19, 2024 7:32 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

I'm okay with you leaving her name on it, as we'll likely be working together on this project.

Thanks,

Laura Anderson

-----Original Message-----

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Tuesday, June 18, 2024 5:28 PM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good evening,

Thank you for your understanding!

Related to the "change", Ms. LaPorte is officially identified in the database as the Technical Contact for this project based on the submitted application back in the beginning of January.

Would you like for the database to be updated to now indicate Ms. Anderson as the official Technical Contact for the project, or leave Ms. LaPorte as the official Technical Contact? Regardless, I will be sure to copy both of you on all email communication and issued documents moving forward.

If you would like to request the update, just let me know via a reply to this email. You will not need to submit any forms. That said, should you desire and/or feel more comfortable officially documenting the potential Technical Contact information update for your records, you may submit an updated section VII (on page 3) of From OP-1.

Of course, for all future project submittals via STEERS (for those not yet submitted), you will be able to identify the proper/desired Technical Contact during the STEERS application submittal process.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550438907%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=%2BsUKuS%2FJ22RhetAo1kFRZ16FKyL3HMMNR7O7GcGBpMQ%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550438907%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=%2BsUKuS%2FJ22RhetAo1kFRZ16FKyL3HMMNR7O7GcGBpMQ%3D&reserved=0)

-----Original Message-----

From: Laura Anderson (US) <Laura.Anderson@eastman.com>

Sent: Tuesday, June 18, 2024 11:45 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Thanks! I'm sure it'll take a little bit to get used to me being part of this group. Looking forward to getting this permit working.

Laura Anderson

-----Original Message-----

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Tuesday, June 18, 2024 11:27 AM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: FW: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good morning,

As soon as I hit "send" on the below email, I realized I failed to include you. Apologies.

I look forward to working with you on the renewal for permit O1982.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550447064%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=9UOapAwCtEBPyqaANI%2B%2BvHErm3VLyPooss2bdupzdp%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550447064%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=9UOapAwCtEBPyqaANI%2B%2BvHErm3VLyPooss2bdupzdp%3D&reserved=0)

-----Original Message-----

From: Mark Meyer

Sent: Tuesday, June 18, 2024 11:18 AM

To: 'LaPorte, Mara L' <maralaporte@eastman.com>

Cc: 'McMeen, Timothy M' <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good morning,

Upon reviewing the status of this project, I realized that I failed to advise once the project was assigned to me....which was done on 2/20/2024. I apologize.

I will be providing the WDP within the next couple of weeks.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550453676%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=uP6smY15CkWur9fSIAIEmX45CMnTWRjwPb1fZcMuZkU%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550453676%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=uP6smY15CkWur9fSIAIEmX45CMnTWRjwPb1fZcMuZkU%3D&reserved=0)

-----Original Message-----

From: Mark Meyer

Sent: Friday, January 12, 2024 12:29 PM

To: LaPorte, Mara L <maralaporte@eastman.com>
Cc: McMeen, Timothy M <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good afternoon,

Thank you for the notice. I will advise once the project is officially assigned to me.

Have a good weekend.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550458978%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=BjbOVioNNV%2B0bw%2BOgBBFMwb7%2F1utUO1IK97Z3CkVZcl%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550458978%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=BjbOVioNNV%2B0bw%2BOgBBFMwb7%2F1utUO1IK97Z3CkVZcl%3D&reserved=0)

-----Original Message-----

From: LaPorte, Mara L <maralaporte@eastman.com>

Sent: Friday, January 12, 2024 11:54 AM

To: Miguel Gaona <miguel.gaona@tceq.texas.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>;

Fredrick Lacy <fredrick.lacy@tceq.texas.gov>; Mark Meyer <Mark.Meyer@tceq.texas.gov>;

R6AirPermitsTX@epa.gov; Donna Dutcher <Donna.Dutcher@tceq.texas.gov>

Cc: LaPorte, Mara L <maralaporte@eastman.com>; Aldredge, Tim <twaldredge@eastman.com>;

McMeen, Timothy <tmcmeen@eastman.com>; Cox, Deon <adcox@eastman.com>; Claiborne, Alex

<JonathanA.Claiborne@eastman.com>; Nunley, Ryan <rnunley@eastman.com>; Bullock, Matthew

<Matthew.Bullock@eastman.com>

Subject: FW: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Hello:

As seen below in the confirmation email from the TCEQ STEERS network, an application for renewal of Federal Operating Permit No. O1982 (C1 - Oxo Aldehydes) was submitted today, January 12, 2024. The attached documents were uploaded to the STEERS network and are being emailed to R6AirPermitsTX@epa.gov as requested. This email serves as the TCEQ Regional Office and EPA Region 6 Office copy of this application.

Please contact me if you have any questions regarding this renewal application.

Sincerely,

Mara LaPorte | Eastman
Advanced Chemical Engineer
Pronouns: she/her/hers
Office: +1 903.237.6746

-----Original Message-----

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

Sent: Friday, January 12, 2024 11:43 AM

To: LaPorte, Mara L <maralaporte@eastman.com>; Hooper, Amy B <ahooper@eastman.com>

Subject: [EXTERNAL] STEERS Title V Application Submittal (New Application)

CAUTION: External Email

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

Your application was successfully submitted and received by the TCEQ at 01/12/2024 11:43 AM.

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

The Reference number for this submittal is 614511.

The Area ID for this submittal is 1982.

The Project ID for this submittal is 36210.

The STEERS confirmation number for this submittal is 509237.

The hash code for this submittal is

3DA4F9C228041034CF71F8B733BDB3AFED392DEC9E78C102EBC3933F856431A4.

You may access the copy of record (submitted application) from the submit log which is available by selecting Submissions from the Home page of STEERS <https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww3.tceq.texas.gov%2Fsteers%2F&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550463016%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=8ya5kh91%2B2SJc%2FPTAiDc85ug4jFDwsQyKXplhT2%2BfOE%3D&reserved=0.>

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

Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

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

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

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

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
OX053FG1	167167	106.261	12/02/2021
OX053GA1*	170776	106.261	10/27/2022
OX053FG1	176815	106.261 and 106.262	7/18/2024

*Unit ID No. OX053GA1 is not listed on FOP O1982.

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

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date
OX005FL2	SE-80	06/07/1996

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

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OX053FG1	106.261	12/02/2021	All valves, pumps, and compressors that contain or contact fluids that contain equal to or greater than 10% VOC with an aggregate partial pressure equal to or greater than 0.44 psia @ 68F are monitored quarterly for leaks per the State of Texas' 28VHP LDAR program. Skip options may be utilized as allowed.
OX053FG1	106.261, 106.262	07/18/2024	All valves, pumps, and compressors that contain or contact fluids that contain equal to or greater than 10% VOC with an aggregate partial pressure equal to or greater than 0.44 psia @ 68F are monitored quarterly for leaks per the State of Texas' 28VHP LDAR program. Skip options may be utilized as allowed.
OX053GA1*	106.261	10/27/2022	The permit holder shall maintain an emissions record which includes calculated emissions of VOC from the process analyzer (EPN 053GA1) during the previous calendar month and the past consecutive 12-month period. The record shall include analyzer identification number, name of VOC, and percentage in VOC mole.
OX005FL2	SE-80	06/07/1996	The flare is monitored continuously for a pilot flame.

*Unit ID No. OX053GA1 is not listed on FOP O1982.

Site Information (Regulated Entity)

What is the name of the permit area to be authorized? C1 - OXO ALDEHYDES

Does the site have a physical address? Yes

Physical Address

Number and Street 300 KODAK BLVD

City LONGVIEW

State TX

ZIP 75602

County HARRISON

Latitude (N) (##.#####) 32.4375

Longitude (W) (-###.#####) 94.693611

Primary SIC Code 2869

Secondary SIC Code

Primary NAICS Code 325199

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN100219815

What is the name of the Regulated Entity (RE)? EASTMAN CHEMICAL TEXAS OPERATIONS

Does the RE site have a physical address? Yes

Physical Address

Number and Street 300 KODAK BLVD

City LONGVIEW

State TX

ZIP 75602

County HARRISON

Latitude (N) (##.#####) 32.439444

Longitude (W) (-###.#####) -94.701944

Facility NAICS Code

What is the primary business of this entity? MANUFACTURING CHEMICALS

Customer (Applicant) Information

How is this applicant associated with this site? Owner Operator

What is the applicant's Customer Number (CN)? CN601214406

Type of Customer Corporation

Full legal name of the applicant:

Legal Name Eastman Chemical Company

Texas SOS Filing Number 9719306

Federal Tax ID 621539359

State Franchise Tax ID 16215393592

State Sales Tax ID

Local Tax ID

DUNS Number 39108279

Number of Employees 501+

Independently Owned and Operated? No

I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name EASTMAN CHEMICAL COMPANY

Prefix MR

First ANDREW

Middle

Last COGGINS

Suffix

Credentials

Title VP CI OLEFIN & DERIVATIVES MANUFACTURING TXO

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) PO BOX 7444

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

City LONGVIEW

State TX

ZIP 75607

Phone (###-###-####) 9032376200

Extension

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

Fax (###-###-####) 9032375799

E-mail acoggins@eastman.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact. AMY HOOPER(EASTMAN CHEMICA...)

Organization Name EASTMAN CHEMICAL COMPANY

Prefix MS

First AMY

Middle

Last HOOPER

Suffix

Credentials

Title DIRECTOR TXO CHEMICALS MANUFACTURING DIVISION

Enter new address or copy one from list

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) PO BOX 7444

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

City LONGVIEW

State TX

Zip 75607

Phone (###-###-####) 9032376114

Extension

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

Fax (###-###-####) 9032376318

E-mail ahooper@eastman.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact. MARA LAPORTE(EASTMAN CHEMICA...)

Organization Name EASTMAN CHEMICAL COMPANY

Prefix MS

First MARA

Middle

Last LAPORTE

Suffix

Credentials

Title ADVANCED CHEMICAL ENGINEER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) PO BOX 7444

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

City LONGVIEW

State TX

ZIP 75607

Phone (###-###-####) 9032376746

Extension

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

Fax (###-###-####) 9032376318

E-mail maralaporte@eastman.com

Title V General Information - Existing

- 1) Permit Type: SOP
- 2) Permit Latitude Coordinate: 32 Deg 26 Min 15 Sec
- 3) Permit Longitude Coordinate: 94 Deg 41 Min 37 Sec
- 4) Is this submittal a new application or an update to an existing application? Update
- 4.1. Select the permit/project number for which this update should be applied. 1982-36210
- 5) Who will electronically sign this Title V application? Duly Authorized Representative
- 6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?
No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name 2024-07-25_C1-01982_Renew_Cert_STEERS.pdf

Hash 08810295AB5A08D0229056FF691D80C98060E589490A142B9DF94CB33C411758

MIME-Type application/pdf

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

Certification

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

I am Amy B Hooper, the owner of the STEERS account ER100075.

I have the authority to sign this data on behalf of the applicant named above.

I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.

I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.

I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.

I am knowingly and intentionally signing Title V Existing 1982.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Amy B Hooper OWNER OPERATOR

Account Number: ER100075

Signature IP Address: 104.225.186.221

Signature Date: 2024-07-28

Signature Hash:

8C3E1F0BADA860747D27C6C0F46FF76C62C10A7622C10B6D18F516D4A6EF641C

Form Hash Code at time of Signature:

5D485AEEE82B43749EB0334D2735CBCA73FE8363708A204DC639387929B6C38E

Submission

Reference Number: The application reference number is 670016

Submitted by: The application was submitted by ER100075/Amy B Hooper

Submitted Timestamp: The application was submitted on 2024-07-28 at 21:11:30 CDT

Submitted From: The application was submitted from IP address 104.225.186.221

Confirmation Number: The confirmation number is 553534

Steers Version: The STEERS version is 6.79

Permit Number: The permit number is 1982

Additional Information

Application Creator: This account was created by Laura Anderson



Eastman Chemical Company
Texas Operations
P.O. Box 7444
Longview, Texas 75607-7444
Phone: 903-237-5000

July 22, 2024

Uploaded to STEERS

Mr. Mark Meyer
Texas Commission on Environmental Quality
Air Permits Division, Operating Permits Section, MC-163
P.O. Box 13087
Austin, Texas 78711-3087

Re: Certification of Changes to Application for Renewal, TCEQ Project No. 36210
Federal Operating Permit No. O1982, C1 – Oxo Aldehydes
Account No. HH-0042-M
Customer Reference No. CN601214406
Regulated Entity Reference No. RN100219815

Mr. Meyer:

Eastman Chemical Company ("Eastman") is submitting a signed TCEQ Form OP-CRO1 which certifies the changes to the renewal application and comments on the working draft permit (WDP) for Federal Operating Permit (FOP) No. O1982 for the C1 – Oxo Aldehydes area, TCEQ Project No. 36210. If you have any questions regarding this submittal, please contact me by phone at (903) 237-6813 or by email at laura.anderson@eastman.com.

Sincerely,

Laura Anderson
Advanced Chemical Engineer
Environmental Operations, Longview

Attachments

cc: Ms. Michelle Baetz
Regional Air/Waste/Emergency Response Section Manager
TCEQ Region 5
2916 Teague Drive
Tyler, Texas 75701-3734

EPA Region 6
(R6AirPermitsTX@EPA.gov)

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: RN100219815	CN: CN601214406	Account No.: HH-0042-M
Permit No.: O1982	Project No.: 36210	
Area Name: C1 – Oxo Aldehydes	Company Name: Eastman Chemical Company	
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 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		
<p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>Amy B. Hooper</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>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:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From <u>February 20, 2024</u> to <u>July 22, 2024</u> <i>Start Date</i> <i>End Date</i></p> <p>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></p> <p>Signature: _____ Signature Date: _____</p> <p>Title: <u>Director, TXO Chemicals Manufacturing Division</u></p>		

From: [Mark Meyer](#)
To: [Laura Anderson \(US\)](#)
Cc: [Mara LaPorte \(US\)](#); [Timothy McMeen \(US\)](#)
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024
Date: Monday, July 22, 2024 11:32:28 AM

Good morning,

As a follow-up, in addition to the information/documentation referenced below in the email dated 7/16/2024, the project has now passed QAQC. Accordingly, we are ready for the final OP-CRO1 certifying all changes since the original renewal application submittal on 1/12/2024.

As a reminder/verification, PBR registration no. 176815, for PBRs §§ 106.261 and 106.262, associated with unit OX053FG1, was issued 7/18/2024.

The information/documentation referenced below can be submitted prior to the OP-CRO1 and does not have to be submitted at the same time as the OP-CRO1.

Please let me know if you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, July 17, 2024 9:35 AM
To: Laura Anderson (US) <Laura.Anderson@eastman.com>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Thank you, ma'am.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Laura Anderson (US) <Laura.Anderson@eastman.com>
Sent: Wednesday, July 17, 2024 9:33 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Mr. Meyer,

Eastman is confirming receipt of the updated information for C1 Oxo Aldehydes area (O-1982 – Project 36210). I will review and send the requested information as soon as possible.

Thank you,

Laura Anderson

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Tuesday, July 16, 2024 11:25 AM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Good morning,

Related to the updated OP-PBRSUP submitted 7/9/2024 (attached), please note and address, as appropriate, the following:

1. I have communicated with PBR staff, and they have advised registration no. 176815 (Project 376128), should be completed, and issued this week, so it is not a problem to incorporate the action into this renewal project for O1982. That said, please confirm the pending PBR registration for unit OX053FG1, whose reference was added in the OP-PBRSUP, requires no related, additional changes/updates that need to be incorporated into the permit, aside from the reference of the registration;
2. Please submit a revised OP-PBRSUP indicating an appropriate submittal date (either 7/9/2024 or the date you submit it now). Whenever submitted, the OP-PBRSUP must be a complete submittal (i.e., all four form Tables) and it must indicate the “current” submittal date, in order to be able to identify that exact document submittal.
3. As a result of the incorporation of PBR registration No. 176815, the draft permit has changed. Accordingly, please see the attached updated draft permit that includes the following related changes to the incorporation of the PBR incorporation and the soon-to-be-submitted revised OP-PBRSUP:
 - a. On page 7, the submittal date of the revised OP-PBRSUP will need to be added;
 - b. On page 59, reference to PBR 106.262 (11/01/2003) has been added to the “New Source Review Authorization References” table; and
 - c. On page 63, reference to PBR 106.262 and Registration No. 176815 (for both 106.261 and 106.262) has been added to unit OX053FG1 in the “New Source Review Authorization References by Emissions Unit” table.

Please provide the requested revised documents at your very earliest opportunity.

I have submitted the project for QAQC, so I will be requesting the final OP-CRO1, certifying the changes

made since the original application submittal, in the very near future.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, July 10, 2024 5:48 AM
To: Laura Anderson (US) <Laura.Anderson@eastman.com>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Good morning,

Thank you for the responses and related information. Appreciated. Regarding the usage of the UA58, this is the first I have come across such a situation. Interesting.

Please note that for future reference for the OP-PBRSUP, only registrations that have been issued should be included on Table 1, as only issued registrations can be included and identified in a Federal Operating Permit (FOP).

Thank you, again.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Laura Anderson (US) <Laura.Anderson@eastman.com>
Sent: Tuesday, July 9, 2024 10:49 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

Mr. Meyer,

I have reviewed the WDP for C1 – Oxo Aldehydes (O1982 – Project 36210), and have updates for the additional items requested below.

1. I have attached the updated OP-PBRSUP with the requested references. I also included the pending PBR 176815 in Table A for reference even though it has not been issued yet.
2. As seen in the attached email from Mr. Chaphekar in reference to the same question, Eastman and the TCEQ agreed that the individual wastewater stream should not be listed in UA58 but the wastewater treatment process that processes these individual streams should be listed on the UA58 form for determining MACT G applicability. The treatment process PROD20DSS is listed on the UA58 form, but the OX053WW1 will not be listed on the form.

I have reviewed the citation and T&C changes, and have no issues with the changes.

Please let me know if you have any further questions, thank you.

Laura Anderson

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Wednesday, June 19, 2024 5:41 PM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: [EXTERNAL] WDP - O1982 Eastman Chemical Company/C`1 - Oxo Aldehydes Area (Renewal, Project 36210)_Pre-Logic Completion v1_06192024

CAUTION: External Email

Good evening,

I have completed the technical review of the renewal application submitted for Eastman Chemical Company and the C1 - Oxo Aldehydes Area (Project 36210, Permit O1982). Attached, please find the Working Draft Permit (WDP) (v1), for your review and approval and/or comments.

During the technical review process, the following items were identified that need additional information and/or clarification:

1. The submitted OP-PBRSUP (dated 1/12/2024) indicates references to NSR permit 1105 and Special Conditions associated with that NSR permit as the "Monitoring Requirements" column on Table D. Per previous projects, EPA typically objects to a PBRSUP "referencing a reference" for the monitoring.

Accordingly, please provide an updated Table D with specific information/data included in the "Monitoring Requirement" column in place of the references for the three units.

Please be reminded that when submitting an OP-PBRSUP form, the entire form must be submitted and indicate a new, appropriate date.

2. Please submit an updated UA58 to include unit OX053WW1, along with the currently identified and included unit PROD20DSS.

Please advise accordingly if for some reason you believe unit OX053WW1 does not belong on the UA 58 instead of the submitted UA1.

3. Please note the attached WDP (v1) contains the existing requirements from the effective SOP in the Applicable Requirements Summary (ARS) table for units OX022T113, PROD20DSS, and OX053WW1. Due to the related attribute updates, I have submitted a Logic request to update our RRT database so that the proper requirements populate in the permit.

The RRT updated should be completed within the next week, but I did not want to delay providing the WDP, so that you may perform, or at least begin, your review, with only a final review focusing on these three units will be needed once the Logic request is completed. I will provide the update WDP once Logic has indeed been completed. I do not anticipate the changes, if any, to be significant.

Please review and provide your approval and/or comments at your earliest opportunity, but please no later than COB on Wednesday, 7/10/2024.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

-----Original Message-----

From: Mark Meyer
Sent: Wednesday, June 19, 2024 8:37 AM
To: Laura Anderson (US) <Laura.Anderson@eastman.com>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good deal. No problem at all.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

-----Original Message-----

From: Laura Anderson (US) <Laura.Anderson@eastman.com>
Sent: Wednesday, June 19, 2024 7:32 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

I'm okay with you leaving her name on it, as we'll likely be working together on this project.

Thanks,

Laura Anderson

-----Original Message-----

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Tuesday, June 18, 2024 5:28 PM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good evening,

Thank you for your understanding!

Related to the "change", Ms. LaPorte is officially identified in the database as the Technical Contact for this project based on the submitted application back in the beginning of January.

Would you like for the database to be updated to now indicate Ms. Anderson as the official Technical Contact for the project, or leave Ms. LaPorte as the official Technical Contact? Regardless, I will be sure to copy both of you on all email communication and issued documents moving forward.

If you would like to request the update, just let me know via a reply to this email. You will not need to submit any forms. That said, should you desire and/or feel more comfortable officially documenting the potential Technical Contact information update for your records, you may submit an updated section VII (on page 3) of From OP-1.

Of course, for all future project submittals via STEERS (for those not yet submitted), you will be able to identify the proper/desired Technical Contact during the STEERS application submittal process.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality

512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550438907%7CUnknown%7CTWFpbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=%2BsUKuS%2FJ22RhetAo1kFRZ16FKyL3HMMNR7O7GcGBpMQ%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550438907%7CUnknown%7CTWFpbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=%2BsUKuS%2FJ22RhetAo1kFRZ16FKyL3HMMNR7O7GcGBpMQ%3D&reserved=0)

-----Original Message-----

From: Laura Anderson (US) <Laura.Anderson@eastman.com>

Sent: Tuesday, June 18, 2024 11:45 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Thanks! I'm sure it'll take a little bit to get used to me being part of this group. Looking forward to getting this permit working.

Laura Anderson

-----Original Message-----

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Tuesday, June 18, 2024 11:27 AM

To: Laura Anderson (US) <Laura.Anderson@eastman.com>

Cc: Mara LaPorte (US) <maralaporte@eastman.com>; Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: FW: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good morning,

As soon as I hit "send" on the below email, I realized I failed to include you. Apologies.

I look forward to working with you on the renewal for permit O1982.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550447064%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=9UOapAwCtEBPyqaANI%2B%2BvHErm3VLyPooss2bdupzdp%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550447064%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=9UOapAwCtEBPyqaANI%2B%2BvHErm3VLyPooss2bdupzdp%3D&reserved=0)

-----Original Message-----

From: Mark Meyer

Sent: Tuesday, June 18, 2024 11:18 AM

To: 'LaPorte, Mara L' <maralaporte@eastman.com>

Cc: 'McMeen, Timothy M' <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good morning,

Upon reviewing the status of this project, I realized that I failed to advise once the project was assigned to me....which was done on 2/20/2024. I apologize.

I will be providing the WDP within the next couple of weeks.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550453676%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=uP6smY15CkWur9fSIAIEmX45CMnTWRjwPb1fZcMuZkU%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550453676%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=uP6smY15CkWur9fSIAIEmX45CMnTWRjwPb1fZcMuZkU%3D&reserved=0)

-----Original Message-----

From: Mark Meyer

Sent: Friday, January 12, 2024 12:29 PM

To: LaPorte, Mara L <maralaporte@eastman.com>
Cc: McMeen, Timothy M <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good afternoon,

Thank you for the notice. I will advise once the project is officially assigned to me.

Have a good weekend.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445

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[url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550458978%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=BjbOVioNNV%2B0bw%2BOgBBFMwb7%2F1utUO1IK97Z3CkVZcl%3D&reserved=0](https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550458978%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=BjbOVioNNV%2B0bw%2BOgBBFMwb7%2F1utUO1IK97Z3CkVZcl%3D&reserved=0)

-----Original Message-----

From: LaPorte, Mara L <maralaporte@eastman.com>

Sent: Friday, January 12, 2024 11:54 AM

To: Miguel Gaona <miguel.gaona@tceq.texas.gov>; Michelle Baetz <michelle.baetz@tceq.texas.gov>;

Fredrick Lacy <fredrick.lacy@tceq.texas.gov>; Mark Meyer <Mark.Meyer@tceq.texas.gov>;

R6AirPermitsTX@epa.gov; Donna Dutcher <Donna.Dutcher@tceq.texas.gov>

Cc: LaPorte, Mara L <maralaporte@eastman.com>; Aldredge, Tim <twaldredge@eastman.com>;

McMeen, Timothy <tmcmeen@eastman.com>; Cox, Deon <adcox@eastman.com>; Claiborne, Alex

<JonathanA.Claiborne@eastman.com>; Nunley, Ryan <rnunley@eastman.com>; Bullock, Matthew

<Matthew.Bullock@eastman.com>

Subject: FW: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Hello:

As seen below in the confirmation email from the TCEQ STEERS network, an application for renewal of Federal Operating Permit No. O1982 (C1 - Oxo Aldehydes) was submitted today, January 12, 2024. The attached documents were uploaded to the STEERS network and are being emailed to R6AirPermitsTX@epa.gov as requested. This email serves as the TCEQ Regional Office and EPA Region 6 Office copy of this application.

Please contact me if you have any questions regarding this renewal application.

Sincerely,

Mara LaPorte | Eastman
Advanced Chemical Engineer
Pronouns: she/her/hers
Office: +1 903.237.6746

-----Original Message-----

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

Sent: Friday, January 12, 2024 11:43 AM

To: LaPorte, Mara L <maralaporte@eastman.com>; Hooper, Amy B <ahooper@eastman.com>

Subject: [EXTERNAL] STEERS Title V Application Submittal (New Application)

CAUTION: External Email

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

Your application was successfully submitted and received by the TCEQ at 01/12/2024 11:43 AM.

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

The Reference number for this submittal is 614511.

The Area ID for this submittal is 1982.

The Project ID for this submittal is 36210.

The STEERS confirmation number for this submittal is 509237.

The hash code for this submittal is

3DA4F9C228041034CF71F8B733BDB3AFED392DEC9E78C102EBC3933F856431A4.

You may access the copy of record (submitted application) from the submit log which is available by selecting Submissions from the Home page of STEERS <https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww3.tceq.texas.gov%2Fsteers%2F&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7C50426b07a01d46a67a1f08dc905be285%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638543971550463016%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=8ya5kh91%2B2SJc%2FPTAiDc85ug4jFDwsQyKXplhT2%2BfOE%3D&reserved=0.>

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

Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

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

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

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

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or record keeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or record keeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
OX053FG1	167167	106.261	12/02/2021
OX053GA1*	170776	106.261	10/27/2022
OX053FG1	176815	106.261 and 106.262	7/18/2024

*Unit ID No. OX053GA1 is not listed on FOP O1982.

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

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date
OX005FL2	SE-80	06/07/1996

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

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

PBR No.	Version No./Date
N/A	

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

Date	Permit Number	Regulated Entity Number
07/22/2024	O1982	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
OX053FG1	106.261	12/02/2021	All valves, pumps, and compressors that contain or contact fluids that contain equal to or greater than 10% VOC with an aggregate partial pressure equal to or greater than 0.44 psia @ 68F are monitored quarterly for leaks per the State of Texas' 28VHP LDAR program. Skip options may be utilized as allowed.
OX053FG1	106.261, 106.262	07/18/2024	All valves, pumps, and compressors that contain or contact fluids that contain equal to or greater than 10% VOC with an aggregate partial pressure equal to or greater than 0.44 psia @ 68F are monitored quarterly for leaks per the State of Texas' 28VHP LDAR program. Skip options may be utilized as allowed.
OX053GA1*	106.261	10/27/2022	The permit holder shall maintain an emissions record which includes calculated emissions of VOC from the process analyzer (EPN 053GA1) during the previous calendar month and the past consecutive 12-month period. The record shall include analyzer identification number, name of VOC, and percentage in VOC mole.
OX005FL2	SE-80	06/07/1996	The flare is monitored continuously for a pilot flame.

*Unit ID No. OX053GA1 is not listed on FOP O1982.