## **Steven Piper**

From:	eNotice TCEQ
Sent:	Thursday, January 23, 2025 10:17 PM
То:	Charles.perry@senate.texas.gov; Stan.lambert@house.texas.gov
Subject:	TCEQ Notice - Permit Number O4721
Attachments:	TCEQ Notice - 04721_37589.pdf

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#### Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 4) Federal Operating Permit Program Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-GEN1	63ZZZ-01	AREA	500+	06+			
GRP-GEN2	63ZZZ-01	AREA	500+	06+			
GRP-GEN3	63ZZZ-01	AREA	500+	06+			
GRP-GEN4	63ZZZ-01	AREA	500+	06+			
GRP-GEN5	63ZZZ-01	AREA	500+	06+			

#### Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 10) Federal Operating Permit Program Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60) Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-GEN1	601111-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN2	601111-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN3	60IIII-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN4	601111-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN5	601111-01	2005+	NONE	EMERG	CON	0406+

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

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-GEN1	60IIII-01	DIESEL		10-		2017+	2016+
GRP-GEN2	601111-01	DIESEL		10-		2017+	2016+
GRP-GEN3	601111-01	DIESEL		10-		2017+	2016+
GRP-GEN4	601111-01	DIESEL		10-		2017+	2016+
GRP-GEN5	601111-01	DIESEL		10-		2017+	2016+

### Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 12) Federal Operating Permit Program Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60) Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-GEN1	601111-01	E2237+		NO	YES	CERT		
GRP-GEN2	601111-01	E2237+		NO	YES	CERT		
GRP-GEN3	601111-01	E560-2237		NO	YES	CERT		
GRP-GEN4	601111-01	E560-2237		NO	YES	CERT		
GRP-GEN5	601111-01	E2237+		NO	YES	CERT		

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

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

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.
GRP- TANKS	60Kb-0001	PTLQ-3	10K-							

#### Stationary Turbine Attributes Form OP-UA11 (Page 12) Federal Operating Permit Program Table 6a: Title 40 Code of Federal Regulations (40 CFR Part 60) Subpart KKKK: Stationary Combustion Turbines Texas Commission on Environmental Quality

Date			Permit No.			Regulated Entity No.			
	01/23/2025			TBD			RN112029061		
Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Heat Input	Subject to Da	Service Type	NO <sub>x</sub> Standard	Fuel Type	
GRP-TURB1	60KKKK-01	SIMPLE	2005C	50-850	NO	NOTER	YES	NGO	
GRP-TURB2	60KKKK-02	SIMPLE	2005C	50-850	NO	NOTER	YES	NGFO+	

### Stationary Turbine Attributes Form OP-UA11 (Page 13) Federal Operating Permit Program Table 6b: Title 40 Code of Federal Regulations (40 CFR Part 60) Subpart KKKK: Stationary Combustion Turbines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.	
01/23/2025	TBD	RN112029061	

Unit ID No.	SOP Index No.	75% of Peak	30 MW	Turbine Use	NO <sub>x</sub> Control	NO <sub>x</sub> Monitoring	Common Steam Header	Duct Burner
GRP-TURB1	60KKKK-01	NO	NO	ELCT	NO	ANNUAL		
GRP-TURB2	60KKKK-02	NO	NO	ELCT	NO	ANNUAL		

### Stationary Turbine Attributes Form OP-UA11 (Page 14) Federal Operating Permit Program Table 6c: Title 40 Code of Federal Regulations (40 CFR Part 60) Subpart KKKK: Stationary Combustion Turbines Texas Commission on Environmental Quality

Date		Permit No.	Regulated Entity No.		
01/	23/2025	TBD	RN112029061		

Unit ID No.	SOP Index No.	Location	SO <sub>2</sub> Standard	Fuel Monitoring	Fuel Quality	Performance Test	Intermediate Storage	Fuel Schedules
GRP-TURB1	60KKKK-01	NO	NO	YES	PRCHS	SAMP		
GRP-TURB2	60KKKK-02	NO	NO	YES	PRCHS	SAMP		

Date	Permit No.	Regulated Entity No.	
01/23/2025	TBD	RN112029061	

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GEN-1	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN1
GEN-2	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN1
GEN-3	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN1
GEN-4	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN2
GEN-5	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN2
GEN-6	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN2
GEN-7	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-8	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-9	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-10	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3

Date	Permit No.	<b>Regulated Entity No.</b>		
01/23/2025	TBD	RN112029061		

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GEN-11	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-12	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-13	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN4
GEN-14	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN4
GEN-15	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN4
GEN-16	OP-UA2	2.5 MW Tier II Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN5
GEN-17	OP-UA2	2.5 MW Tier II Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN5
GEN-18	OP-UA2	2.5 MW Tier II Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN5
TK-1	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-2	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS

Date	Permit No.	Regulated Entity No.	
01/23/2025	TBA	RN112029061	

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
ТК-3	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
ТК-4	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
ТК-5	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-6	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-7	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-8	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-9	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-10	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-11	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-12	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-13	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-14	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS

Date	Permit No.	Regulated Entity No.	
01/23/2025	TBA	RN112029061	

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
TK-15	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-16	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-17	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-18	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TURB-1	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-2	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-3	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-4	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-5	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-6	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2
TURB-7	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2
TURB-8	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2

Date	Permit No.	Regulated Entity No.
01/23/2025	TBA	RN112029061

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
TURB-9	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2
TURB-10	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2

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

# Table 1a: Additions

Date: 01/23/2025	Regulated Entity No.: RN112029061	Permit No.: TBD
Company Name: Abilene DC I, LLC	Area Name: Longhorn Data Center	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	GRP-GEN1	OP-UA2	60IIII-01	CO	NSPS IIII	<pre>§60.4205(b); §60.4202(b); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039-Appendix I</pre>
	GRP-GEN1	OP-UA2	63ZZZ-01	СО	MACT ZZZZ	§63.6590(c)
	GRP-GEN2	OP-UA2	60IIII-02	CO	NSPS IIII	<pre>\$60.4205(b); §60.4202(b); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039-Appendix I</pre>
	GRP-GEN2	OP-UA2	63ZZZ-02	СО	MACT ZZZZ	§63.6590(c)

GRP-GEN3	OP-UA2	60IIII-03	СО	NSPS IIII	<pre>§60.4205(b); §60.4202(b); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039-Appendix I</pre>
GRP-GEN3	OP-UA2	63ZZZ-03	СО	MACT ZZZZ	§63.6590(c)
GRP-GEN4	OP-UA2	60IIII-04	CO	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN4	OP-UA2	63ZZZ-04	СО	MACT ZZZZ	§63.6590(c)
GRP-GEN5	OP-UA2	60IIII-05	СО	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	СО	MACT ZZZZ	§63.6590(c)

GRP-GEN1	OP-UA2	60IIII-01	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN1	OP-UA2	63ZZZ-01	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN2	OP-UA2	60IIII-02	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN2	OP-UA2	63ZZZ-02	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN3	OP-UA2	60IIII-03	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	NOX	MACT ZZZZ	§63.6590(c)

GRP-GEN4	OP-UA2	60IIII-04	NOX	NSPS IIII	<pre>§60.4205(b); §60.4202(b); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039-Appendix I</pre>
GRP-GEN4	OP-UA2	63ZZZ-04	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN5	OP-UA2	60IIII-05	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN1	OP-UA2	60IIII-01	РМ	NSPS IIII	<pre>§60.4205(b); §60.4202(b)(2); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039.105(b); §1039-Appendix I</pre>
GRP-GEN1	OP-UA2	63ZZZ-01	РМ	MACT ZZZZ	§63.6590(c)

GRP-GEN2	OP-UA2	601111-02	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(2); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN2	OP-UA2	63ZZZ-02	PM	MACT ZZZZ	§63.6590(c)
GRP-GEN3	OP-UA2	60IIII-03	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	РМ	MACT ZZZZ	§63.6590(c)
GRP-GEN4	OP-UA2	60IIII-04	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(1); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN4	OP-UA2	63ZZZ-04	PM	MACT ZZZZ	§63.6590(c)

GRP-GEN5	OP-UA2	601111-05	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(2); \$60.4211(g)(1); \$1039.105(b); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	PM	MACT ZZZZ	§63.6590(c)
GRP-GEN1	OP-UA2	60IIII-01	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN1	OP-UA2	63ZZZ-01	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-GEN2	OP-UA2	60IIII-02	HC/VOC	NSPS IIII	<pre>§60.4205(b); §60.4202(b)(2); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g)(2); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039.105(b); §1039-Appendix I</pre>
GRP-GEN2	OP-UA2	63ZZZ-02	HC/VOC	MACT ZZZZ	§63.6590(c)

GRP-GEN3	OP-UA2	601111-03	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(1); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-GEN4	OP-UA2	60IIII-04	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN4	OP-UA2	63ZZZ-04	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-GEN5	OP-UA2	60IIII-05	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-TANKS	OP-UA3	60Kb-0001	VOC	NSPS Kb	§60.110b(a)

GRP-TUBR1	OP-UA11	60KKKK-01	NOX	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(b); §60.4330(a)(2); §60.4333(a); §60.4365(b) ; §60.4415(a)(1)</pre>
GRP-TUBR2	OP-UA11	60KKKK-02	NOX	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(a),(b); §60.4330(a)(2); §60.4333(a); §60.4365(a),(b); §60.4415(a)(1), (a)(2)</pre>
GRP-TUBR1	OP-UA11	60KKKK-01	SO2	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(a),(b); §60.4330(a)(2); §60.4333(a); §60.4365(a),(b); §60.4415(a)(1), (a)(2)</pre>
GRP-TUBR2	OP-UA11	60KKKK-02	SO2	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(a),(b); §60.4330(a)(2); §60.4333(a); §60.4365(a),(b); §60.4415(a)(1), (a)(2)</pre>

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

# Table 1b: Additions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-GEN1	60IIII-01		60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
	GRP-GEN1	63ZZZ-01	СО			
	GRP-GEN2	60IIII-02		60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
	GRP-GEN2	63ZZZ-02	СО			

GRP-GEN3	60IIII-03	СО	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN3	63ZZZ-03	СО			
GRP-GEN4	60IIII-04	СО	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN4	63ZZZ-04	СО			
GRP-GEN5	601111-05	СО	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN5	63ZZZ-05	СО			
GRP-GEN1	60IIII-01	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN1	63ZZZ-01	NOX			

	GRP-GEN2	60IIII-02	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN2	63ZZZ-02	NOX			
(	GRP-GEN3	60IIII-03	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN3	63ZZZ-03	NOX			
	GRP-GEN4	60IIII-04	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN4	63ZZZ-04	NOX			
	GRP-GEN5	60IIII-05	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN5	63ZZZ-05	NOX			

GRP-GEN1	60IIII-01	РМ	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN1	63ZZZ-01	PM			
GRP-GEN2	60IIII-02	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN2	63ZZZ-02	PM			
GRP-GEN3	60IIII-03	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN3	63ZZZ-03	PM			
GRP-GEN4	601111-04	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN4	63ZZZ-04	PM			

GF	RP-GEN5	60IIII-05	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN5	63ZZZ-05	РМ			
GF	RP-GEN1	60IIII-01	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN1	63ZZZ-01	HC/VOC			
GF	RP-GEN2	60IIII-02	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN2	63ZZZ-02	HC/VOC			
GF	RP-GEN3	60IIII-03	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN3	63ZZZ-03	HC/VOC			

GRP-GEN4	60IIII-04	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN4	63ZZZ-04	HC/VOC			
GRP-GEN5	60IIII-05	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN5	63ZZZ-05	HC/VOC			
GRP-TANKS	60Kb-0001	VOC			
GRP-TUBR1	60KKKK-01	NOX	60.4340(a); 60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4)	60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4)	60.4375(a) 60.4375(b)
GRP-TUBR2	60KKKK-02	NOX	60.4340(a); 60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4)	60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4);	60.4375(a) 60.4375(b)
GRP-TUBR1	60KKKK-01	SO2	60.4365(a); 60.4365(b); 60.4415(a)(1); 60.4415(a)(2)	60.4415(a)(1); 60.4415(a)(2)	

GRP-TUBR2 60KKKK-02 SO2	$\begin{array}{ccccc} 60.4365(a); & 60.4415(a)(1); \\ 60.4365(b); & 60.4415(a)(2) \\ 60.4415(a)(1); \\ 60.4415(a)(2) \end{array}$	
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# Applicable Requirements Summary Form OP-REQ3 (Page 3) Federal Operating Permit Program

# Table 2a: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)

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

# Table 2b: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements

### Form OP-REQ2 Negative Applicable/Superseded Requirement Determinations Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart Db	§60.40b	Subpart Db pertains to steam generating units that begin construction, modification, or reconstruction after June 19, 1984, with a heat input capacity exceeding 29 megawatts (MW). As the natural gas simple-cycle turbines at the Facility are governed by Subpart KKKK and comply with its requirements, they are not subject to Subpart Db.
		GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart Dc	§60.40c	Subpart Dc is applicable to steam generating units constructed after June 9, 1989, with a maximum design heat input capacity between 2.9 MW and 29 MW. Since the Facility's natural gas simple-cycle turbines exceed 100 MMBtu/hr, they are not subject to Subpart Dc.
		GRP-TANKS	OP-UA3	NSPS Subpart K	§60.110	Subpart K pertains to storage vessels for petroleum liquids exceeding 151,412 liters (40,000 gallons) built between June 11, 1973, and May 19, 1978. Since the Facility will be constructed after May 19, 1978, Subpart K is not applicable.
		GRP-TANKS	OP-UA3	NSPS Subpart Ka	§60.110a	Subpart Ka pertains to storage vessels for petroleum liquids exceeding 151,412 liters (40,000 gallons) that were built between May 18, 1978, and July 23, 1984. Since the Facility will be constructed after July 23, 1984, Subpart Ka is not applicable.

GRP-TANKS	OP-UA3	NSPS Subpart Kb	§60.110b(b)	Subpart Kb applies volatile organic liquid storage tanks with capacities of 75 m <sup>3</sup> or more. Since the diesel belly tanks have capacities below this threshold, Subpart Kb is not applicable.
GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart TTTT	§60.5508	Subpart TTTT pertains to stationary combustion turbines with a base load exceeding 250 MMBtu/hr that can sell over 25 MW to a utility and began construction between January 8, 2014, and May 23, 2023. Since the Facility's turbines cannot sell electricity to a utility and will start construction after May 23, 2023, Subpart TTTT is not applicable
GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart TTTTa	§60.5508a	Subpart TTTTa governs stationary combustion turbines with a base load over 250 MMBtu/hr that combust fossil fuels and can sell more than 25 MW to utility systems, with construction beginning after May 23, 2023. As the Facility's combustion turbines do not sell electricity to a utility, Subpart TTTTa is not applicable.
GRP-TURB1 & GRP-TURB2	OP-UA11	MACT Subpart YYYY	§63.6080	Subpart YYYY pertains to stationary combustion turbines at major sources of hazardous air pollutant (HAP) emissions. However, as the Facility is classified as an area source of HAPs, Subpart YYYY does not apply to the natural gas simple-cycle turbines located there.

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

Date	Permit No.	Regulated Entity No.	
01/23/2025	TBD	RN112029061	

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	<b>Regulated Entity No.</b>
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date	Permit No.	<b>Regulated Entity No.</b>
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)			
	E.	Outdoor Burning (continued)		
•	5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	Yes No	
•	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	Yes No	
•	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	🗌 Yes 🗌 No	
II.	Title	tle 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
	А.	Temporary Fuel Shortage Plan Requirements		
	1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ $112.15 - 112.18$ .	🗌 Yes 🔀 No	
III.	Title	30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	-	
	А.	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.	☐ Yes ⊠ No	
		See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.		
	B.	Storage of Volatile Organic Compounds		
•	1.	The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	🗌 Yes 🗌 No	

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

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

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III.		Fitle 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>	☐ Yes ☐ No	
•	9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	🗌 Yes 🗌 No	
•	10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	🗌 Yes 🗌 No	
•	11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	Yes No	
•	12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	☐ Yes ☐ No	
	F.	Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
•	1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § $115.214(a)(1)(C)$ or $115.224(2)$ within the application area.	☐ Yes ☐ No ☐ N/A	

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

<sup>•</sup> For GOP applications, answer ONLY these questions unless otherwise directed.

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 19) Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	<b>Regulated Entity No.</b>
01/23/2025	TBD	RN112029061

● F	or GOP	applications,	answer	ONLY	these of	juestions	unless	otherwise	directed.
• •		mppmenterione,							

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 20) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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.	Yes No	
		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.		
•	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.	🗌 Yes 🖾 No	
		If the response to Question VI.F.1 is "No," go to Section VI.G.		
	2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	Yes No	
	G.	Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems		
	1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>	☐ Yes ⊠ No	
	2.	The application area includes storm water sewer systems.	🗌 Yes 🗌 No	

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 21) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 22) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

VI.		tle 40 Code of Federal Regulations Part 60 - New Source Performance Standards ontinued)		
	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>	🗌 Yes 🗌 No	
•	6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	🗌 Yes 🗌 No	
•	7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	🗌 Yes 🗌 No	
•	8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	Yes No	
	I.	Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
•	1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.	☐ Yes ⊠ No ☐ N/A	
•	2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	Yes No	

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 23) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 24) Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	<b>Regulated Entity No.</b>
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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 25) Federal Operating Permit Program Texas Commission on Environmental Quality

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•	For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.				
VI.		40 Code of Federal Regulatio (S) (continued)	ns Part 60 - New Source Performance Stan	ldards	
	J.	Incineration Units for Whi	s of Performance for Other Solid Waste ch Construction Commenced After /hich Modification or Reconstruction Co continued)	mmenced	
•	8.	modified or reconstructed of	constructed before December 9, 2004 and on or after June 16, 2006 combust only we e or a mixture of these materials.		🗌 Yes 🗌 No
•	9.		is located at an institutional facility and is tional facility that generated the waste.	a distinct	🗌 Yes 🗌 No
•	10.		burns less than 35 tons per day of wood we or a mixture of these materials.	vaste,	Yes No
	K.	Subpart OOOO - Standard Production, Transmission a	ls of Performance for Crude Oil and Nat and Distribution	tural Gas	
•	1.		es one or more of the onshore affected fa (a)-(g) that are subject to 40 CFR Part 60		🗌 Yes 🔀 No
VII.		40 Code of Federal Regulation rdous Air Pollutants	ns Part 61 - National Emission Standards f	òr	
	А.	Applicability			
•	1.	Part 61 subparts.	es a unit(s) that is subject to one or more VII.A.1 is "No" or "N/A," go to Section		🗌 Yes 🔀 No 🗌 N/A
	B.	Subpart F - National Emiss	sion Standard for Vinyl Chloride		
	1.	by reaction of oxygen and h	ted at a plant which produces ethylene di nydrogen chloride with ethylene, vinyl ch more polymers containing any fraction of	loride by	🗌 Yes 🗌 No
	C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)				
•	1.	The application area includ	es equipment in benzene service.		Yes No N/A

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 26) Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	<b>Regulated Entity No.</b>
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For SOP applications, answer ALL questions unless otherwise directed.

VII.		40 Code of Federal Regulations Part 61 - National Emission Standards for rdous 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).	Yes No	
		If the response to Question VII.D.1 is "No," go to Section VII.E.		
	2.	The application area includes equipment in benzene service as determined by 40 CFR § $61.137(b)$ .	🗌 Yes 🗌 No	
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	🗌 Yes 🗌 No	
	E.	Subpart M - National Emission Standard for Asbestos	•	
		Applicability		
	1.	The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>	🗌 Yes 🗌 No	
		Roadway Construction		
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	Yes No	
		Manufacturing Commercial Asbestos		
	3.	The application area includes a manufacturing operation using commercial asbestos. If the response to Question VII.E.3 is "No," go to Question VII.E.4.	🗌 Yes 🗌 No	
		a. Visible emissions are discharged to outside air from the manufacturing operation	Yes No	
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	Yes No	

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 27) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 28) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 29) Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	<b>Regulated Entity No.</b>
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•	For GOP applications	answer ONLY	these question	ns unless	otherwise	directed.
•		,				

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 30) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 31) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 32) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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VIII.		tle 40 Code of Federal Regulations Part 63 - National Emission Standards for azardous Air Pollutants for Source Categories (continued)		
	C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)		
		Reloading or Cleaning of Railcars, Tank Trucks, or Barges		
	8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.	🗌 Yes 🗌 No	
	9.	The application area includes operations that are complying with $\S$ 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 $ \frac{63.119(g)(6)}{60} $ through the use of a vapor balancing system.	Yes No	
		Transfer Racks		
	11.	The application area includes Group 1 transfer racks that load organic HAPs.	🗌 Yes 🗌 No	
		Process Wastewater Streams		
	12.	The application area includes process wastewater streams. If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.	Yes No	
	13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.	Yes No	
	14.	The application area includes process wastewater streams that are complying with 40 CFR §§ $63.110(e)(1)(i)$ and $(e)(1)(ii)$ .	Yes No	
	15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.	Yes No	

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

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

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

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<b>1</b>				
VIII.		e 40 Code of Federal Regulations Part 63 - National Emission Standards for zardous 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 $40 \text{ CFR } \S 63.107(b)$ - (h) or the criteria of $40 \text{ CFR } \S 63.113(i)$ 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.		e 40 Code of Federal Regulations Part 63 - National Emission Standards for zardous Air Pollutants for Source Categories (continued)		
	E.	. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities		
	1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. If the response to Question VIII.E.1 is "No," go to Section VIII.F.	🗌 Yes 🖾 No	
	2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "No," go to Section VIII.F.</i>	🗌 Yes 🗌 No	
	3.	The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	🗌 Yes 🗌 No	
	4.	The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	🗌 Yes 🗌 No	
	F.	Subpart Q - National Emission Standards for Industrial Process Cooling Towers		
	1.	The application area includes industrial process cooling towers. If the response to Question VIII.F.1 is "No," go to Section VIII.G.	☐ Yes⊠ No	
	2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	🗌 Yes 🗌 No	
	G.	Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)		
	1.	The application area includes a bulk gasoline terminal.	🗌 Yes 🔀 No	
	2.	The application area includes a pipeline breakout station. If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.	🗌 Yes 🖾 No	
	3.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.	🗌 Yes 🗌 No	

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

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

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

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

VIII.	I. 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>	Yes No
	4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. If the response to Question VIII.N.4 is "No," go to Section VIII.O.	☐ Yes ☐ No
	5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ Yes ☐ No
	6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐ Yes ☐ No
	7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.	☐ Yes ☐ No
	8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	Yes No

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 51) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

VIII.	I. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Р.	. 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>	☐ Yes⊠ No ☐ N/A	
	2.	The application area includes one or more of the affected sources specified in 40 CFR § $63.741(c)(1) - (7)$ .	Yes No	
	Q.	Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.		
•	1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	🗌 Yes 🖾 No	
•	2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R. For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.	☐ Yes ⊠ No	
•	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Q.3 is "Yes," go to Section VIII.Q.3	☐ Yes ☐ No	
•	4.	The application area is located at a site that is a major source of HAP. If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.	Yes No	

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VIII.	. 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 <sup>3</sup> ) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.	☐ Yes ☐ No
		For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z. For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.	
•	6.	The application area includes a triethylene glycol (TEG) dehydration unit. For SOP applications, f the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.	🗌 Yes 🗌 No
•	7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	Yes No
•	8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	Yes No
•	9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	🗌 Yes 🗌 No

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 55) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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VIII.	I. 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>	🗌 Yes 🗌 No
	16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>	🗌 Yes 🗌 No
	17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	🗌 Yes 🗌 No
	18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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VIII.		40 Code of Federal Regulations Part 63 - National Emission Standards for rdous 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 $\S$ 61.342(a).	🗌 Yes 🗌 No
	26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.</i>	🗌 Yes 🗌 No
	27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.	🗌 Yes 🗌 No
	28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.</i>	🗌 Yes 🗌 No
	29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	Yes No
	30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.	Yes No
	31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	Yes No

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For SOP applications, answer ALL questions unless otherwise directed.

VIII.		40 Code of Federal Regulations Part 63 - National Emission Standards for rdous 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>	🗌 Yes 🗌 No
	33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.	🗌 Yes 🗌 No
	34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.	🗌 Yes 🗌 No
	35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	Yes No
	36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.</i>	🗌 Yes 🗌 No
	37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.</i>	🗌 Yes 🗌 No

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

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

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VIII	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
W.	Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)			
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	Yes No		
54.	The application area contains a cyanide chemicals manufacturing process. If the response to Question VIII.W.54 is "No," go to Section VIII.X.	🗌 Yes 🖾 No		
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	Yes No		
Х.	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. If the response to Question VIII.X.1 is "No," go to Section VIII.Y.	🗌 Yes 🖾 No		
2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. If the response to Question VIII.X.2 is "No," go to Section VIII.Y.	Yes No		
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.	Yes No		
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.	Yes No		

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

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

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VIII.		40 Code of Federal Regulations Part 63 - National Emission Standards for rdous 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>	🗌 Yes 🗌 No
	20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	Yes No
	21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	Yes No
	22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	Yes No

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

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

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	/III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
AA.	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)				
14.	streams are transferred to a	ns or residual removed from Group 1 wast n off-site treatment operation. <i>ns VIII.AA.13 and VIII.AA.14 are both "N</i>			
15.	meeting the requirements o	as are transferred to an offsite treatment fa f 40 CFR § 63.138(h). <i>VIII.AA.15 is "No," go to Question VIII.</i>			
16.		the notification of compliance status repo in a facility meeting the requirements of 4			
17.	concentration of compound than 50 ppmw are transferr	is or residuals with a total annual average ls in Table 8 of 40 CFR Part 63, Subpart I ed offsite. <i>VIII.AA.17 is "No," go to Question VIII.</i>	FFFF less		
18.	The transferor is demonstra	ating that less than 5 percent of the HAP is FFFF is emitted from waste management	n Table 9 🗌 Yes 🗌 No		
19.		es waste management units that receive or m, or a residual removed from a Group 1 shipment or transport.	or manage 🗌 Yes 🗌 No		
20.		es containers that receive, manage, or tre- sidual removed from a Group 1 wastewa			
21.	a Group 1 wastewater strea wastewater stream.	es individual drain systems that receive o m, or a residual removed from a Group 1 VIII.AA.21 is "No," go to Question VIII.			
22.		es individual drain systems that are comp he use of cover and, if vented, closed ven			

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

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For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.				
VIII		gulations Part 63 - National Emission Star ollutants for Source Categories (continued)		
BB.		Emission Standards for Hazardous Air r Vegetable Oil Production.	Pollutants	
1.	itself a major source of HA	es a vegetable oil production process that P emissions or, is collocated within a pla individually or collectively a major sourc	nt site	🗌 Yes 🔀 No
CC.	Subpart GGGGG - Nation Pollutants: Site Remediation	al Emission Standards for Hazardous Ai on	r	
1.	conducted.	es a facility at which a site remediation is III.CC.1 is "No," go to Section VIII.DD.		🗌 Yes 🖾 No
2.		ted at a site that is a major source of HAI III.CC.2 is "No," go to Section VIII.DD.	Ρ.	Yes No
3.	§ 63.7881(b)(1) through (6)	y for one of the exemptions contained in ). III.CC.3 is "Yes," go to Section VIII.DD		Yes No
4.	notified in writing.	es are complete, and the Administrator ha		Yes No
5.	quantity of HAP listed in T during all site remediations	ediation activities, it was determined that able 1 of Subpart GGGGG that will be re will be less than 1 Mg/yr. <i>III.CC.5 is "Yes," go to Section VIII.DD</i>	emoved	Yes No
6.	The site remediation will be	e completed within 30 consecutive calend	lar days.	Yes No
7.		ceed 30 consecutive calendar days. III.CC.7 is "Yes," go to Section VIII.DD		🗌 Yes 🗌 No
8.		subject to 40 CFR Part 63, Subpart GGG ation area to an off-site facility.	GG are	Yes No
9.	transferred from the application	als subject to 40 CFR Part 63, Subpart Go ation area to an off-site facility. <i>III.CC.9 is "Yes," go to Section VIII.DD</i>		Yes No

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	<ul> <li>For SOP applications, answer ALL questions unless otherwise directed.</li> <li>For GOP applications, answer ONLY these questions unless otherwise directed.</li> </ul>				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
CC.	CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)				
10.		es a remediation material management ur nixed waste per § 63.7886(c).	nit used	Yes No	
11.	11. The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).			🗌 Yes 🗌 No	
12.	<ul> <li>12. The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2).</li> <li>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</li> </ul>			Yes No	
13.	13. The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.		Yes No		
14.	materials subject to 40 CFR	es containers that manage site remediatio Part 63, Subpart GGGGG. VIII.CC.14 is "No," go to Question VIII.		🗌 Yes 🗌 No	
15.		es containers that are also subject to and 6 40 CFR part 61 or part 63 per § 63.7886(		Yes No	
16.		es containers that are complying with alte t have been approved by the EPA per § 6		Yes No	
17.	The application area includ specified in 40 CFR § 63.92	es containers using Container Level 1 con 22(b).	ntrols as	Yes No	
18.		es containers with a capacity greater than of 40 CFR § 63.7900(b)(3)(i) and (ii).	0.46 m <sup>3</sup>	Yes No	
19.	The application area includ specified in 40 CFR § 63.92	es containers using Container Level 2 con 23(b).	ntrols as	Yes No	
20.	The application area includ specified in 40 CFR § 63.92	es containers using Container Level 3 con 24(b).	ntrols as	Yes No	
21.	The application area includ requirements of 40 CFR § 6	es individual drain systems complying was 53.962.	ith the	Yes No	

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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XI.	Misc	cellaneous (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>	Yes No N/A	
•	2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.		
		art 60, Subparts IIII, and KKKK; art 63, Subpart ZZZZ		
	C.	Emission Limitation Certifications		
٠	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	🛛 Yes 🗌 No	
	D.	Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements		
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	🗌 Yes 🔀 No	
	2.	The application area includes units located at the site that are subject to a site- specific requirement of the SIP.	🗌 Yes 🖾 No	
	3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.	☐ Yes ⊠ No	
	4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	☐ Yes ⊠ No	

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

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XI.	Misc	liscellaneous (continued)		
	G. 40 CFR Part 97, Subpart FFFFF - Texas SO <sub>2</sub> Trading Program			
	1.	The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program.	🗌 Yes 🖾 No	
		If the response to Question XI.G.1 is "No," go to Question XI.G.6.		
	2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.	Yes No	
	3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.	🗌 Yes 🗌 No	
	4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.	🗌 Yes 🗌 No	
	5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input.	🗌 Yes 🗌 No	
	6.	The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.	🗌 Yes 🖾 No	
	Н.	Permit Shield (SOP Applicants Only)	-	
	1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	🛛 Yes 🗌 No	

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

#### E. PSD Permits and PSD Major Pollutants

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

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

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

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

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

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

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

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
177263	08/21/2024				
177263	08/30/2024				
177263	01/22/2025				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
177262	09/05/2024				
177262	01/23/2025				

### ♦ 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

### Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

### Table 1a: CAM/PM Additions

. Identifying Information				
Account No.:	RN No.: RN	112029061	CN:CN606295137	
Permit No.: TBD		Project No.: TBD	•	
Area Name: Longhorn Data Center				
Company Name: Abilene DC I, LLC				
II. Unit/Emission Point/Group/Proces	s Informatio	on		
Revision No.:				
Unit/EPN/Group/Process ID No.: GRP-TU	RB1 and GR	P-TURB2		
Applicable Form: OP-UA11				
III. Applicable Regulatory Requirement	nt			
Name: 30 TAC Chapter 111				
SOP/GOP Index No.: 30TAC111A5				
Pollutant: PM				
Main Standard: Section 111.111(a)(1)(c)				
IV. Title V Monitoring Information				
Monitoring Type: PM				
Unit Size:				
CAM/PM Option No.: PM-P-029				
Deviation Limit:				
CAM/PM Option No.:				
Deviation Limit:				
V. Control Device Information				
Control Device ID No.: N/A				
Control Device Type:				

### Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

### Table 1a: CAM/PM Additions

. Identifying Information				
Account No.:	RN No.: RN	112029061	CN:CN606295137	
Permit No.: TBA		Project No.: TBA	A	
Area Name: Longhorn Data Center				
Company Name: Abilene DC I, LLC				
II. Unit/Emission Point/Group/Proces	s Informatio	on		
Revision No.:				
Unit/EPN/Group/Process ID No.: GRP-TU	RB1 and GR	P-TURB2		
Applicable Form: OP-UA11				
III. Applicable Regulatory Requirement	nt			
Name: 30 TAC Chapter 111, Nonagricultur	ral processes	6		
SOP/GOP Index No.: 30TAC111A5				
Pollutant: PM				
Main Standard: Section 111.151(a)				
IV. Title V Monitoring Information				
Monitoring Type: PM				
Unit Size:				
CAM/PM Option No.: PM-P-029				
Deviation Limit:				
CAM/PM Option No.:				
Deviation Limit:				
V. Control Device Information				
Control Device ID No.: N/A				
Control Device Type:				

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

Date: 01/23/2025	Regulated Entity No.: RN1120	29061	Permit No.: TBD
Company Name: Abilene	e DC 1, LLC	Area Na	me: Longhorn Data Center

- 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

А.	Compliance Plan — Future Activity Committal Statement			
As th appli	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.			
В.	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?	X YES 🗌 NO		
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	YES 🗙 NO		
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. ( <i>For reference only</i> )			
*	For Site Operating Permits (SOPs), the complete application should be consulted for an requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly For should be consulted as well as the requirements contained in the appropriate General F 30 TAC Chapter 122.	s. m OP-REQ1		
	Compliance should be assessed based, at a minimum, on the required monitoring, testi keeping, and/or reporting requirements, as appropriate, associated with the applicable r question.			

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

Date	Date: 01/23/2025 Regulated Entity No.: RN112		2029061	Permit No.: TBD	
Company Name: Abilene DC 1, LLC			LC	Area Na	me: Longhorn Data Center
Part	Part 2				
Α.	A. Compliance Schedule				
Part	If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.				
1.	Specific Non-Com	pliance	Situation		
Unit	/Group/Process ID N	lo.(s):			
SOF	P Index No.:				
Poll	utant:				
Арр	licable Requiremen	nt			
	С	itation			Text Description
2.	-	s Asses	ssment Method and R	ecords Lo	
	Citation		Text Descrip	otion	Location of Records/Documentation
3.	Non-compliance S	Situatio	n Description		
4.	Corrective Action	Plan De	escription		
5.	5. List of Activities/Milestones to Implement the Corrective Action Plan				

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

Date: 01/23/2025 Regulated Entity No.: RN112029061		Permit No.: TBD		
Company Name: Abilene DC 1, LLC		Area Na	me: Longhorn Data Center	
Part 2 (continued)				
6. Previously Submitted Compliance Plan(s)				
Туре	of Action		Date Submitted	
7. Progress Report Submission Schedule				

Reset Form

### 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: Abilene DC 1, LLC				
<b>B</b> .	Customer Reference Number (CN): CN 606295137				
C.	Submittal Date (mm/dd/yyyy): 01/23/2025				
II.	Site Information				
A.	Site Name: Longhorn Data Center				
<b>B</b> .	Regulated Entity Reference Number (RN): RN 112029061				
C.	. Indicate affected state(s) required to review permit application: (Check the appropriate box[es].)				
A	$R \square CO \square KS \square LA \square NM \square OK \square N/A$				
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> )				
XV	$OC  \checkmark NO_X  \Box SO_2  \Box PM_{10}  \boxtimes CO  \Box Pb  \Box HAPS$				
Other					
E.	. Is the site a non-major source subject to the Federal Operating Permit Program?				
F.	Is the site within a local program area jurisdiction?				
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?				
H.	. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:				
III.	Permit Type				
A.	Type of Permit Requested: (Select only one response)				
🗙 Si	X Site Operating Permit (SOP)       Temporary Operating Permit (TOP)       General Operating Permit (GOP)				

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

IV.	Initial Application Information (Complete for Initial Issuance Applications Only.)			
A.	Is this submittal an abbreviated or a full application?	Abbreviated X Full		
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	🗌 Yes 🗙 No		
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	🗌 Yes 🗌 No		
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA (Refer to the form instructions for additional information.)	? X Yes 🗌 No		
E.	Has the required Public Involvement Plan been included with this application?	Yes X No		
V.	Confidential Information			
A.	Is confidential information submitted in conjunction with this application?	🗌 Yes 🗙 No		
VI.	Responsible Official (RO) Identifying Information			
RON	Name Prefix: (X Mr. Mrs. Mrs. Dr.)			
RO F	Full Name: Michael Duplantis			
RO T	Title: Sr EHS Director			
Emp	loyer Name: Abilene DC 1, LLC			
Maili	ing Address: 255 Fillmore Street			
City: Denver				
State: Colorado				
ZIP (	Code: 80206			
Territory:				
Country:				
Foreign Postal Code:				
Inter	nal Mail Code:			
Telep	phone No.: 832-754-3833			
Fax No.: N/A				
Emai	il: mduplantis@crusoe.ai			

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

VII. Technical Contact Identifying Information (Complete if different from RO.)
Technical Contact Name Prefix: ( Mr. Mrs. Ms. Dr.)
Technical Contact Full Name: Laura Pritchard
Technical Contact Title: Environmental Specialist
Employer Name: Crusoe Energy Systems, LLC
Mailing Address: 255 Fillmore Street
City: Denver
State: Coloardo
ZIP Code: 80206
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 970-749-8615
Fax No.: N/A
Email: lpritchard@crusoe.ai
VIII. Reference Only Requirements (For reference only.)
A. State Senator: Charles Perry
B. State Representative: Stan Lambert
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? □ Yes □ No ⊠ N/A
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)
A. Office/Facility Name: Abilene DC 1, LLC
B. Physical Address: 255 Fillmore Street
City: Denver
State: Colorado
ZIP Code: 80206
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: ( Mr. Mrs. Mrs. Ms. Dr.)
Contact Full Name: Laura Pritchard
E. Telephone No.: 970-749-8615
X. Application Area Information
A. Area Name: Longhorn Data Center
B. Physical Address:
City:
State:
ZIP Code:
C. Physical Location:
From Abilene, TX, travel north on Treadway Boulevard and travel for 2.2 miles. Continue onto Pine Street and
continue for 0.9 miles. Turn left onto I-20 Frontage Road and travel for 1 mile. Turn right onto Old Anson Road and
continue for 2.2 miles. Turn left onto facility entrance road.
D. Nearest City: Abilene
E. State: Texas
F. ZIP Code: 79601

### 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 degrees, 30 minutes, 29 seconds
H.	Longitude (nearest second): -99 degrees, 46 minutes, 38 seconds
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?
J.	Indicate the estimated number of emission units in the application area: <b>46</b>
K.	Are there any emission units in the application area subject to the Acid Rain Program?
L.	Affected Source Plant Code (or ORIS/Facility Code):
XI.	<b>Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A.	Name of a public place to view application and draft permit: TCEQ Region 3
B.	Physical Address: 1977 Industrial Boulevard
City:	Abilene
ZIP C	Code: 79602-7833
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Conta	act Name Prefix: ( Mr. Mrs. Ms. Dr.):
Conta	act Person Full Name: Laura Pritchard
Conta	act Mailing Address: 255 Fillmore Street
City:	Denver
State	: Colorado
ZIP C	Code: 80206
Terri	tory:
Coun	try:
Forei	gn Postal Code:
Intern	nal Mail Code:
Telep	hone No.: 970-749-8615

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

### XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: ( Mr. Mrs. Ms. Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

### Federal Operating Permit Program Site Information Summary 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:			

**PRINT FORM** 

**RESET FORM** 

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



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 23, 2025

THE HONORABLE CHARLES PERRY TEXAS SENATE PO BOX 12068 AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Initial Issuance Application Project Number: 37589 Permit Number: 04721 Abilene Dc 1, LLC Longhorn Data Center Abilene, Taylor County Regulated Entity Number: RN112029061 Customer Reference Number: CN606295137

Dear Senator Perry:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.77722,32.50792&level=13.

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

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

The Honorable Charles Perry Page 2 January 23, 2025

Re: Accepted Federal Operating Permit Initial Issuance Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

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

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



### **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Protecting Texas by Reducing and Preventing Pollution

January 23, 2025

THE HONORABLE STAN LAMBERT TEXAS HOUSE OF REPRESENTATIVES PO BOX 2910 AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Initial Issuance Application Project Number: 37589 Permit Number: 04721 Abilene Dc 1. LLC Longhorn Data Center Abilene, Taylor County Regulated Entity Number: RN112029061 Customer Reference Number: CN606295137

Dear Representative Lambert:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) initial issuance application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.77722,32.50792&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

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

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

### **Texas Commission on Environmental Quality**

Title V New

# Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	LONGHORN DATA CENTER
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	FROM ABILENE, TRAVEL NORTH ON TREADWAY BLVD & TRAVEL FOR 2.2 MILES. CONTINUE ONTO PINE STREET & FOLLOW FOR 0.9 MILES. TURN LEFT ONTO I-20 FRONTAGE ROAD & TRAVEL FOR 1 MILE. TURN RIGHT ONTO OLD ANSON ROAD & CONTINUE FOR 2.2 MILES. TURN LEFT INTO FACILITY.
City	ABILENE
State	ТХ
ZIP	79601
County	TAYLOR
Latitude (N) (##.######)	32.50792
Longitude (W) (-###.######)	-99.77722
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	518210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN112029061
What is the name of the Regulated Entity (RE)?	LONGHORN DATA CENTER
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	FROM ABILENE, TRAVEL NORTH ON TREADWAY BLVD & TRAVEL FOR 2.2 MILES. CONTINUE ONTO PINE STREET & FOLLOW FOR 0.9 MILES. TURN LEFT ONTO I-20 FRONTAGE ROAD & TRAVEL FOR 1 MILE. TURN RIGHT ONTO OLD ANSON ROAD & CONTINUE FOR 2.2 MILES. TURN LEFT INTO FACILITY.
City	ABILENE
State	ТХ
ZIP	79601
County	TAYLOR
Latitude (N) (##.#####)	32.50792
Longitude (W) (-###.######)	-99.77722
Facility NAICS Code	518210
What is the primary business of this entity?	ELECTRICITY GENERATION FOR DATA CENTER

## Customer (Applicant) Information

How is this applicant associated with this site? What is the applicant's Customer Number (CN)?

Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Abilene Dc 1, LLC
Texas SOS Filing Number	805587707
Federal Tax ID	993520463
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes

# Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	Abilene DC 1 LLC
Prefix	MR
First	Michael
Middle	
Last	Duplantis
Suffix	
Credentials	
Title	SR EHS DIRECTOR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	255 FILLMORE ST
Routing (such as Mail Code, Dept., or Attn:)	
City	DENVER
State	CO
ZIP	80206
Phone (###-#####)	8327543833
Extension	
Alternate Phone (###-###+####)	
Fax (###-#####)	
E-mail	MDUPLANTIS@CRUSOE.AI

## **Technical Contact**

	TCEQ should contact for questions his application:		
Same	as another contact?		
Organi	zation Name	Abilene DC 1 LLC	
Prefix		MS	
First		Laura	
Middle			
Last		Pritechard	
Suffix			
Creder	itials		

Title	ENVIRONMENTAL SPECIALIST
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	255 FILLMORE ST
Routing (such as Mail Code, Dept., or Attn:)	
City	DENVER
State	СО
ZIP	80206
Phone (###-####-####)	9707498615
Extension	
Alternate Phone (###-####/)	
Fax (###-###-####)	
E-mail	LPRITCHARD@CRUSOE.AI

# Title V General Information - New

1) Permit Latitude Coordinate:	32 Deg 30 Min 29 Sec
2) Permit Longitude Coordinate:	99 Deg 46 Min 38 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Full
3.3. Is this application for a portable facility?	No
3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
4) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

### Title V Attachments New

Attach OP-1 (Site Information Summary)		
[File Properties]		
File Name	<a href="/ePermitsExternal/faces/file?&lt;br">fileId=235999&gt;OP_1_5_TCEQ Form OP-1 - FOP Site Info.pdf</a>	
Hash	A301FBF4A52158A0F0C3BB28865EBAB1D3D1FC1C6DC5BFAA8FCA6EB295C4F164	
MIME-Type	application/pdf	
Attach OP-ACPS (Application Compliance Plan and Schedule)		
[File Properties]		
File Name	<a href="/ePermitsExternal/faces/file?&lt;br">fileId=235968&gt;OP_ACPS_8_TCEQ Form OP- ACPS.pdf</a>	

Hash	695C28C2E6A85B7078A60FB39301BBFC13B40BF987BC1EE9444B839323EE6F2D	
MIME-Type		application/pdf
Attach OP-REQ1 (Application A	rea-Wide Applicability Determinations a	nd General Information)
[File Properties]		
File Name		<a href="/ePermitsExternal/faces/file?&lt;/td"></a>
		fileId=235969>OP_REQ1_7_TCEQ Form OP- REQ1.pdf
Hash	811B799EF88E76D411135E5E3386	60F0F1253E611C12EAD1E355C32FE4C0020C9
MIME-Type		application/pdf
Attach OP-REQ2 (Negative App	licable Requirement Determinations)	
[File Properties]	,	
File Name		<a href="/ePermitsExternal/faces/file?&lt;/td"></a>
		fileId=235970>OP_REQ2_10_TCEQ Form OP- REQ2.pdf
Hash	FE90C551A4EB190AA87BC3FA4AA	577E69A2375206BD6AD82CA5E81519F8F3A79
MIME-Type		application/pdf
Attach OP-REQ3 (Applicable Re	equirements Summary)	
[File Properties]		
File Name		<a href="/ePermitsExternal/faces/file?&lt;/td"></a>
		fileId=235971>OP_REQ3_TCEQ Form OP- REQ3.pdf
Hash	528F9D5A5050F2F0D389B89634E2	21D862CC2330828B18175DC99C21C88AE6304
MIME-Type		application/pdf
Attach OP-PBRSUP (Permits by	y Rule Supplemental Table)	
[File Properties]		
File Name		<a href="/ePermitsExternal/faces/file?&lt;/td"></a>
		fileId=235972>OP_PBRSUP_9-2_TCEQ Form
llash		OP-PBRSUP.pdf
Hash	EB81FC599B0BDA1AC18EF8476CA	34248EA87FC39644DA63A3421732037BD32BB
MIME-Type		application/pdf
Attach OD SUM (Individual Unit	Summond	
Attach OP-SUM (Individual Unit	Summary)	
[File Properties] File Name		<a href="/ePermitsExternal/faces/file?&lt;/td"></a>
Flie Name		fileId=235973>OP_SUM_9_TCEQ Form OP-
		SUM.pdf
Hash	E83754FC1BDC2F817A0F1F95705E	31BDD07A93990701DD5390E8E93D3B3FA0793
MIME-Type		application/pdf
Attach OP-MON (Monitoring Re	quirements)	
[File Properties]		
File Name		<pre><a fileid="235974" href="/ePermitsExternal/faces/file?">OP_MON_14_TCEQ Form OP-</a></pre>
		MON Monitoring.pdf
Hash	E562D2C04F30DAB8461A43247912	A1D8AC20236896FFB116450A3265DCEDB8C3
MIME-Type		application/pdf
Attach OP-UA (Unit Attribute) Fo	orms	

[File Properties]

File Name	<a href="/ePermitsExternal/faces/file?&lt;br">fileId=235975&gt;TCEQ Forms OP-UA.pdf</a>
Hash	D8B969D1B81121E31C40448FB4B37D8E7A22F28F06507891D32338AD5B316711
MIME-Type	application/pdf
Attach OP-CRO2 (Chang	e of Responsible Official Information)
Attach OP-DEL (Delegation	on of Responsible Official)
Attach any other necessa	ry information needed to complete the permit.
[File Properties]	
File Name	<a href="/ePermitsExternal/faces/file?&lt;br">fileId=235992&gt;AbileneDCLonghornTitleV APA 2025-01-23.pdf</a>
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riasii	

## Expedite Title V

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

No

### Certification

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

- 1. I am Michael Duplantis, the owner of the STEERS account ER090916.
- 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 New.
- 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: Michael Duplantis OWNER OPERATOR

Account Number:	ER090916
Signature IP Address:	64.159.158.226
Signature Date:	2025-01-23
Signature Hash:	AB33D1824DF07368F87D036E5DC1573698A278089EC7796253A69D714B7B1861
Form Hash Code at time of Signature:	9D65FEA892684C4BE61812BC934A1F38A6E3D4E4844989F722ED1D7275860544

## Submission

Additional Information

Reference Number:The application reference number is 748638Submitted by:The application was submitted by<br/>ER090916/Michael DuplantisSubmitted Timestamp:The application was submitted on 2025-01-23<br/>at 14:54:53 CSTSubmitted From:The application was submitted from IP address<br/>64.159.158.226Confirmation Number:The confirmation number is 621633Steers Version:The STEERS version is 6.85

Application Creator: This account was created by Vincent J Rehkopf IV



January 23, 2025

Texas Commission on Environmental Quality (TCEQ) Air Permits Initial Review Team (APIRT) Mail Code 161 P.O. Box 13087 Austin, TX 78753-3087

Subject: Title V Federal Operating Permit Initial Application Abilene DC I, LLC Longhorn Data Center Taylor County, Texas Regulated Entity Number: RN112029061 Customer Number: CN606295137

On behalf of Abilene DC I, LLC (Abilene DC) dba Crusoe Energy Systems, LLC (Crusoe), Abilene DC is submitting a Title V Federal Operating Permit (FOP) Initial Application for the Longhorn Data Center in Abilene within Taylor County, Texas. The Title V FOP Initial Application is being submitted prior to the commencement of operation of the facility.

The facility-wide potential to emit nitrogen oxides  $(NO_x)$ , carbon monoxide (CO), and volatile organic compounds (VOC) exceeds 100 tons per year, which is the threshold for major sources. Therefore, the facility is subject to the 30 Texas Administrative Code (TAC) Chapter 122, FOP Program.

Should you have any questions or comments about the application, please contact Kaitlin Meszaros by email at <u>meszaros@pinyon-env.com</u> or by phone at 631-245-0308. Thank you for your assistance in this matter. Sincerely,

**PINYON** ENVIRONMENTAL, INC.,

Kaitlin AMesyaroo

Kaitlin Meszaros Air Quality & Noise Specialist

cc: Laura Pritchard, Crusoe Energy Systems, LLC Michael Duplantis, Crusoe Energy Systems, LLC



January 23, 2025

# **Title V Federal Operating Permit Initial Application**

Abilene DC I, LLC Longhorn Data Center Taylor County, Texas

> **Pinyon Project No.:** 1/19-1347-01





January 23, 2025

# **Title V Federal Operating Permit Initial Application**

Abilene DC I, LLC Longhorn Data Center Taylor County, Texas

> Pinyon Project No.: 1/19-1347-01

> > **Prepared by:**

Vincent Rehkopf Air Quality Specialist

**Reviewed by:** 

esnavoo

Kaitlin Meszaros Air Quality & Nosie Specialist



## Table of Contents

Process Description Process Flow Diagram Area Map Plot Plan Form OP-1 Form OP-CR01 Form OP-REQ1 Form OP-ACPS Form OP-SUM Form OP-SUM Form OP-UA2 Form OP-UA3 Form OP-UA11 Form OP-UA11



## **Process Description**

The Longhorn Data Center is located in Taylor County, Texas. The process description provided below is based on the full buildout of the facility.

The simple-cycle turbines will be fueled by pipeline-quality natural gas. The selective catalyst reduction (SCR) systems will utilize aqueous ammonia to reduce exhaust emissions. Aqueous ammonia will be stored in pressurized tanks, with only fugitive emissions expected to occur. Additionally, the diesel backup generators and belly tanks will be located onsite for emergency purposes.

#### **Electric Generating Unit Standard Permit Registration Number 177263:**

- Five (5) 38 megawatt (MW) Titan 350 natural gas simple-cycle turbines each fitted with a SCR device expected to run 8,760 hours per rolling 12-month period each
- Five (5) 34.1 MW GE LM2500 natural gas simple-cycle turbines each fitted with a SCR device expected to run 8,760 hours per rolling 12-month period each

#### Permit By Rule Registration Number 177262:

- A maximum of three (3) 3 MW Tier II Caterpillar C175 diesel generators expected to run no more than 300 hours per rolling 12-month period each
- A maximum of three (3) 3 MW Tier II Caterpillar C175 diesel generators expected to run no more than 100 hours per rolling 12-month period each
- A maximum of six (6) 2 MW Tier IV Caterpillar 3516 diesel generators expected to run no more than 300 hours per rolling 12-month period each
- A maximum of three (3) 2 MW Tier IV Caterpillar 3516 diesel generators expected to run no more than 100 hours per rolling 12-month period each
- A maximum of three (3) 2.5 MW Tier II Caterpillar 3516 diesel generators expected to run no more than 300 hours per rolling 12-month period each
- Eighteen (18) diesel belly tanks; one in each diesel generator set unit

Sources of emissions include:

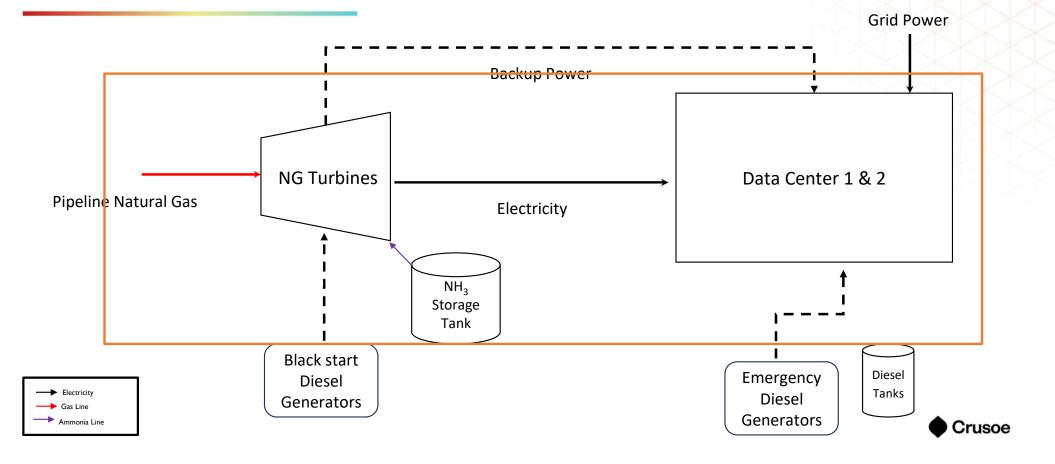
- Natural Gas Simple-Cycle Turbines: NOx, CO, SO<sub>2</sub>, PM, VOC, NH<sub>3</sub>, HAPs, CO<sub>2</sub>e
- Diesel Generators: NOx, CO, SO<sub>2</sub>, PM, VOC, HAPs, CO<sub>2</sub>e
- Diesel Tanks: VOC
- Fugitive Leaks: VOC, NH<sub>3</sub>, CO<sub>2</sub>e

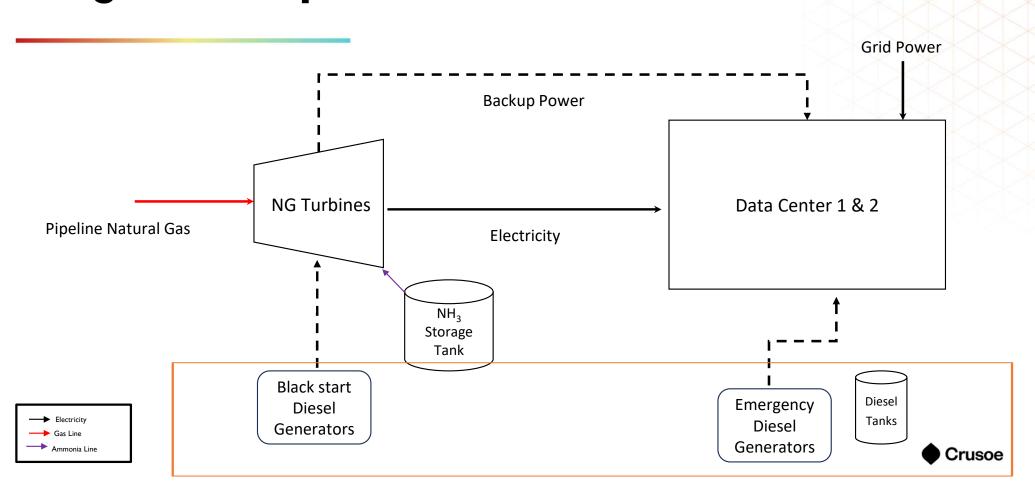


**Process Flow Diagram** 

# Longhorn Simplified Process Flow

Equipment within Orange Box are Permitted under Standard Permit Number 177263 for EGUs





# Longhorn Simplified Process Flow

Equipment within Orange Box are Permitted under PBR Number 177262



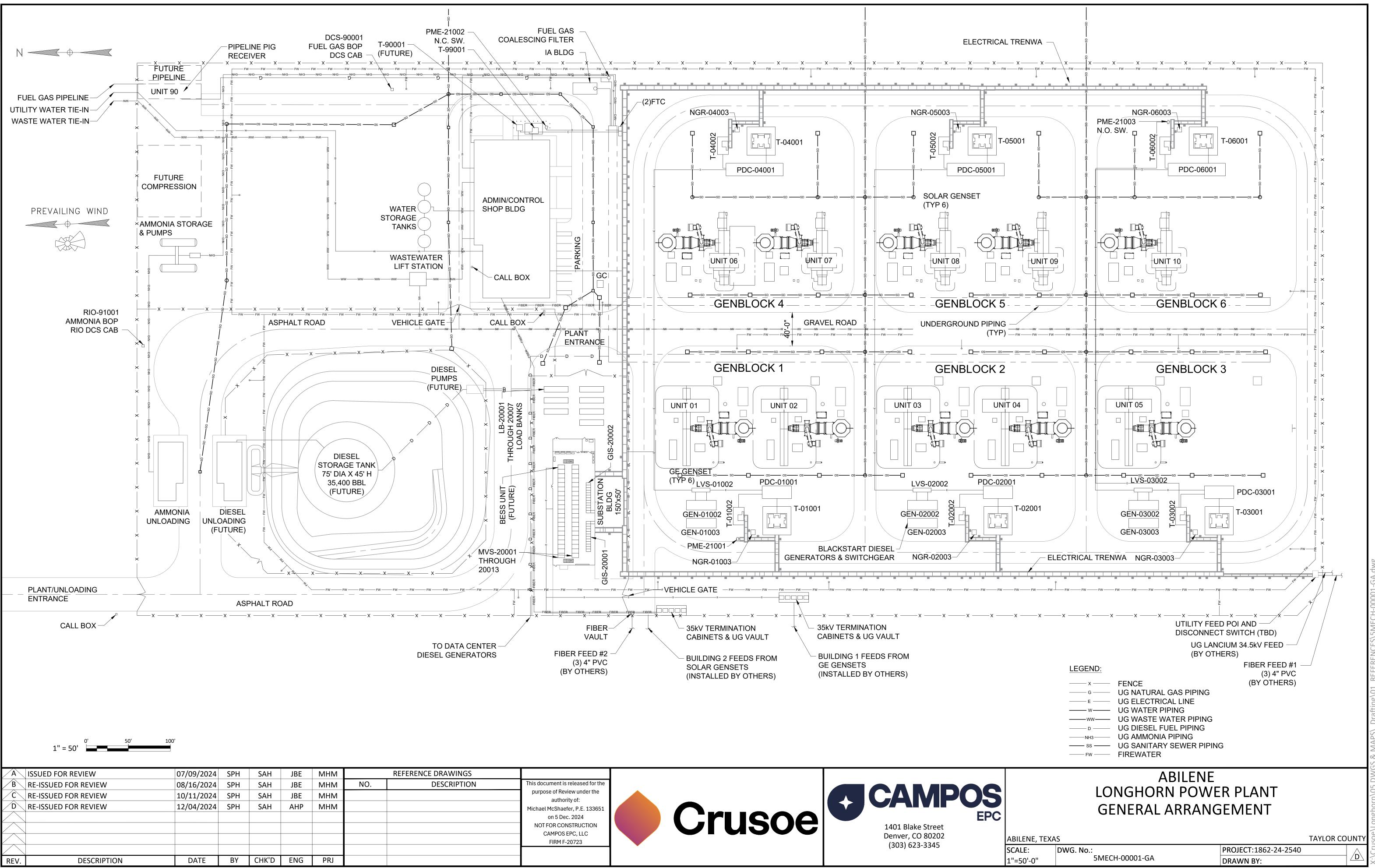
Area Map

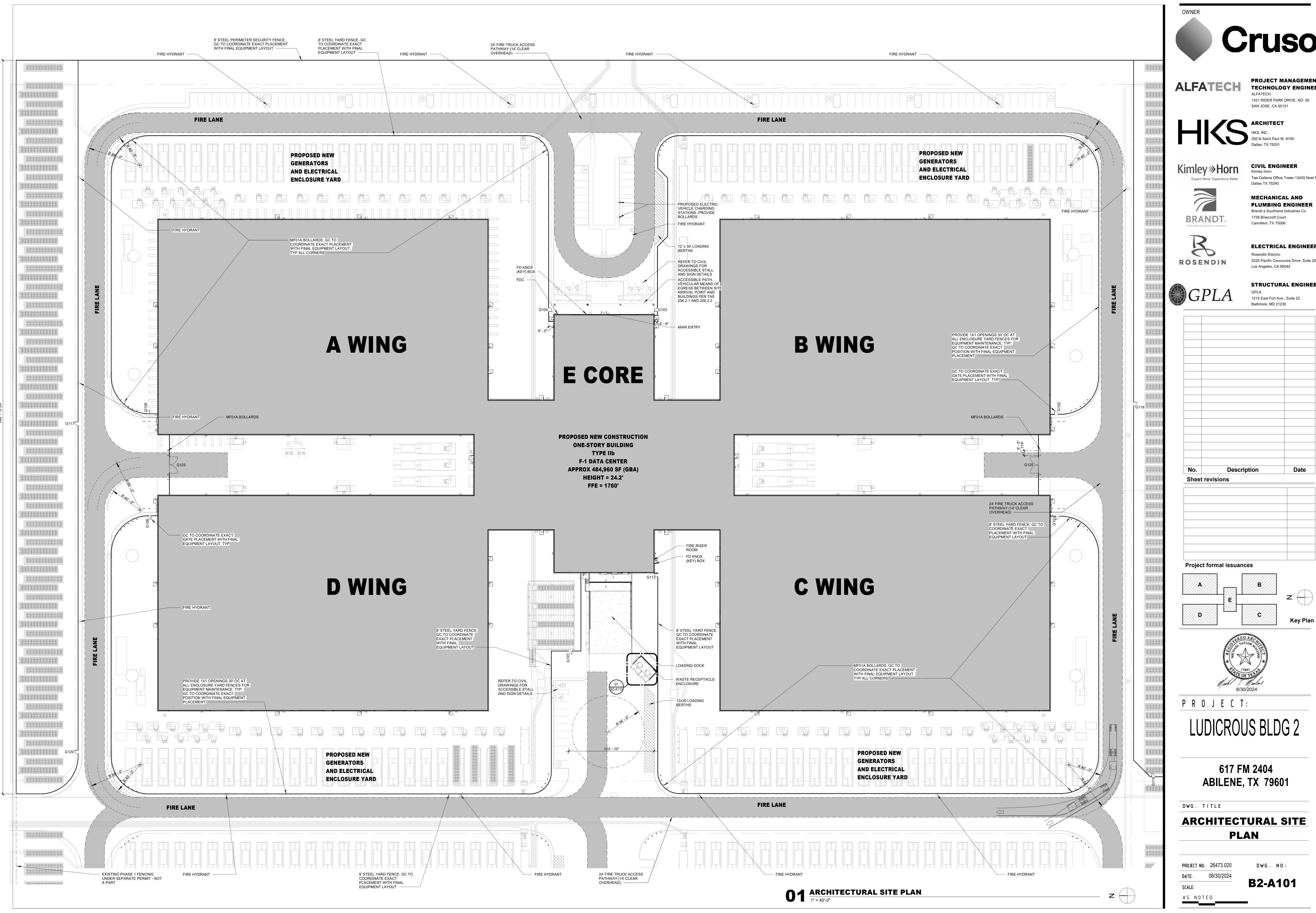


Document Path: Z:\PROJECTS\2019\119134701 Air Quality Services December 2019\Figures\ArcPro\119134701 Air Quality Services December 2019\119134701 Air Quali

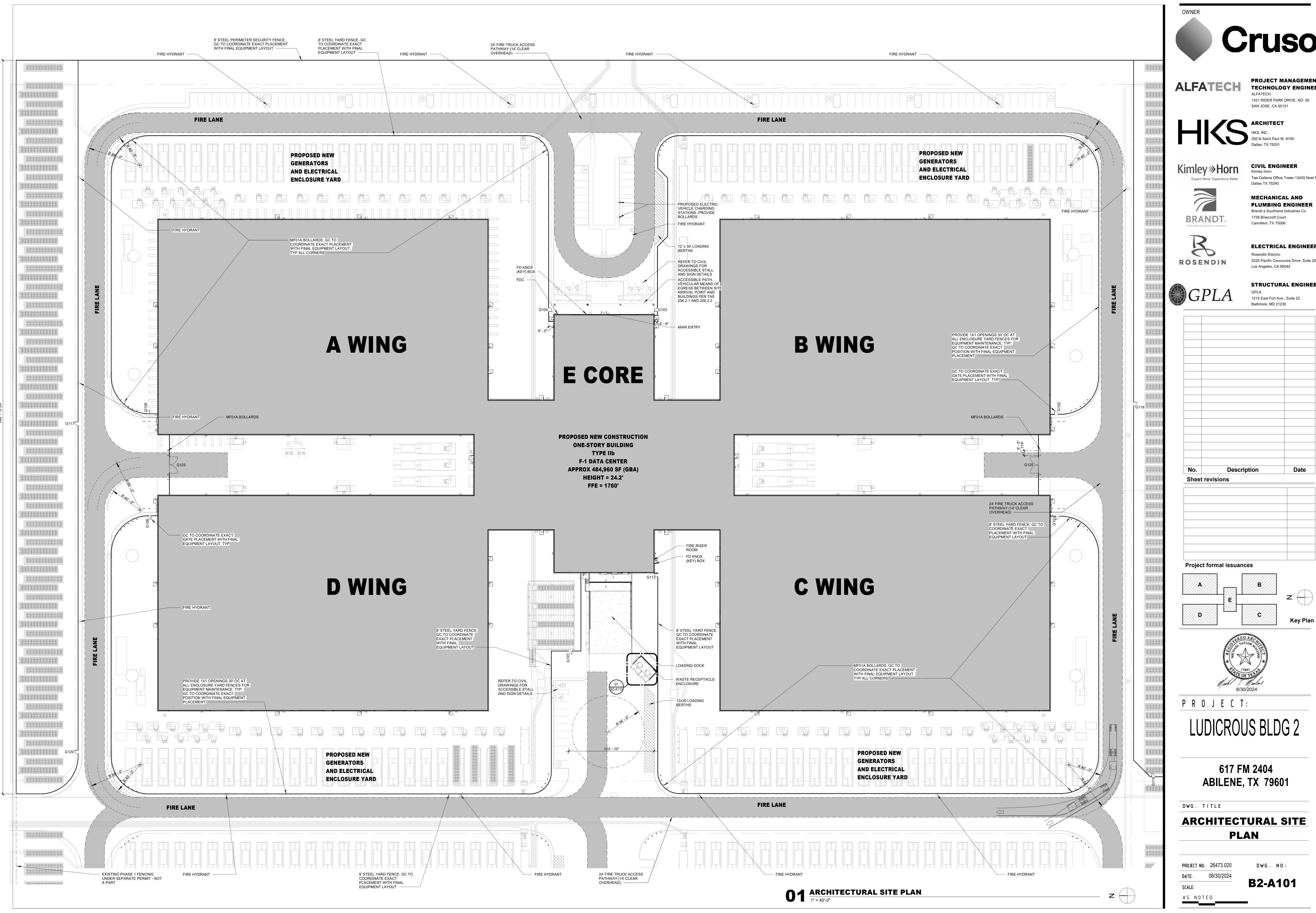


Plot Plan





ER C	rusoe			
FATECH	PROJECT MANAGEMENT & TECHNOLOGY ENGINEER ALFATECH 1321 RIDER PARK DRIVE, NO. 50 SAN JOSE, CA 95131			
	ARCHITECT HKS, INC. 350 N Saint Paul St, #100 Dallas, TX 75201			
A Horn xpect More. Experience Better.	<b>CIVIL ENGINEER</b> Kimley Horn Two Galleria Office Tower 13455 Noel Rd., Ste. 700 Dallas TX 75240			
RANDT®	MECHANICAL AND PLUMBING ENGINEER Brandt a Southland Industries Co 1728 Briercroft Court Carrollton, TX 75006			
SENDIN	<b>ELECTRICAL ENGINEER</b> Rosendin Electric 5220 Pacific Concourse Drive, Suite 200 Los Angeles, CA 90045			
GPLA	STRUCTURAL ENGINEER GPLA 1215 East Fort Ave., Suite 22 Baltimore, MD 21230			



ER C	rusoe			
FATECH	PROJECT MANAGEMENT & TECHNOLOGY ENGINEER ALFATECH 1321 RIDER PARK DRIVE, NO. 50 SAN JOSE, CA 95131			
	ARCHITECT HKS, INC. 350 N Saint Paul St, #100 Dallas, TX 75201			
New Work Horn	<b>CIVIL ENGINEER</b> Kimley Horn Two Galleria Office Tower 13455 Noel Rd., Ste. 700 Dallas TX 75240			
RANDT®	MECHANICAL AND PLUMBING ENGINEER Brandt a Southland Industries Co 1728 Briercroft Court Carrollton, TX 75006			
SENDIN	<b>ELECTRICAL ENGINEER</b> Rosendin Electric 5220 Pacific Concourse Drive, Suite 200 Los Angeles, CA 90045			
GPLA	STRUCTURAL ENGINEER GPLA 1215 East Fort Ave., Suite 22 Baltimore, MD 21230			



Form OP-I

#### 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: Abilene DC 1, LLC		
<b>B</b> .	Customer Reference Number (CN): CN 606295137		
C.	Submittal Date (mm/dd/yyyy): 01/23/2025		
II.	Site Information		
A.	Site Name: Longhorn Data Center		
<b>B</b> .	Regulated Entity Reference Number (RN): RN 112029061		
C.	C. Indicate affected state(s) required to review permit application: (Check the appropriate box[es].)		
A	$R \square CO \square KS \square LA \square NM \square OK \square N/A$		
D.	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>		
XV	$OC  \checkmark NO_X  \Box SO_2  \Box PM_{10}  \boxtimes CO  \Box Pb  \Box HAPS$		
Other			
E.	Is the site a non-major source subject to the Federal Operating Permit Program?		
F.	Is the site within a local program area jurisdiction?		
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?		
H.	H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:		
III.	Permit Type		
A.	Type of Permit Requested: (Select only one response)		
🗙 Si	X Site Operating Permit (SOP)Temporary Operating Permit (TOP)General Operating Permit (GOP)		

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

IV.	Initial Application Information (Complete for Initial Issuance Applications Only.)		
A.	Is this submittal an abbreviated or a full application?	Abbreviated X Full	
B.	If this is a full application, is the submittal a follow-up to an abbreviated application?	🗌 Yes 🗙 No	
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	🗌 Yes 🗌 No	
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA (Refer to the form instructions for additional information.)	? X Yes 🗌 No	
E.	Has the required Public Involvement Plan been included with this application?	Yes X No	
V.	Confidential Information		
A.	Is confidential information submitted in conjunction with this application?	🗌 Yes 🗙 No	
VI.	Responsible Official (RO) Identifying Information		
RON	Name Prefix: (X Mr. Mrs. Mrs. Dr.)		
RO F	Full Name: Michael Duplantis		
RO T	Title: Sr EHS Director		
Emp	loyer Name: Abilene DC 1, LLC		
Maili	ing Address: 255 Fillmore Street		
City:	Denver		
State	: Colorado		
ZIP Code: 80206			
Territory:			
Country:			
Foreign Postal Code:			
Inter	nal Mail Code:		
Telephone No.: 832-754-3833			
Fax No.: N/A			
Emai	il: mduplantis@crusoe.ai		

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

VII. Technical Contact Identifying Information (Complete if different from RO.)		
Technical Contact Name Prefix: ( Mr. Mrs. Ms. Dr.)		
Technical Contact Full Name: Laura Pritchard		
Technical Contact Title: Environmental Specialist		
Employer Name: Crusoe Energy Systems, LLC		
Mailing Address: 255 Fillmore Street		
City: Denver		
State: Coloardo		
ZIP Code: 80206		
Territory:		
Country:		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: 970-749-8615		
Fax No.: N/A		
Email: lpritchard@crusoe.ai		
VIII. Reference Only Requirements (For reference only.)		
A. State Senator: Charles Perry		
B. State Representative: Stan Lambert		
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? □ Yes □ No ⊠ N/A		
<b>D.</b> Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?		
E. Indicate the alternate language(s) in which public notice is required: Spanish		

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

IX. Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)
A. Office/Facility Name: Abilene DC 1, LLC
B. Physical Address: 255 Fillmore Street
City: Denver
State: Colorado
ZIP Code: 80206
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: ( Mr. Mrs. Mrs. Ms. Dr.)
Contact Full Name: Laura Pritchard
E. Telephone No.: 970-749-8615
X. Application Area Information
A. Area Name: Longhorn Data Center
B. Physical Address:
City:
State:
ZIP Code:
C. Physical Location:
From Abilene, TX, travel north on Treadway Boulevard and travel for 2.2 miles. Continue onto Pine Street and
continue for 0.9 miles. Turn left onto I-20 Frontage Road and travel for 1 mile. Turn right onto Old Anson Road and
continue for 2.2 miles. Turn left onto facility entrance road.
D. Nearest City: Abilene
E. State: Texas
F. ZIP Code: 79601

#### 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 degrees, 30 minutes, 29 seconds		
H.	Longitude (nearest second): -99 degrees, 46 minutes, 38 seconds		
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?		
J.	Indicate the estimated number of emission units in the application area: <b>46</b>		
K.	Are there any emission units in the application area subject to the Acid Rain Program?		
L.	Affected Source Plant Code (or ORIS/Facility Code):		
XI.	<b>Public Notice</b> (Complete this section for SOP Applications and Acid Rain Permit Applications only.)		
A.	Name of a public place to view application and draft permit: TCEQ Region 3		
B.	Physical Address: 1977 Industrial Boulevard		
City: Abilene			
ZIP C	Code: 79602-7833		
C.	Contact Person (Someone who will answer questions from the public during the public notice period):		
Conta	act Name Prefix: ( Mr. Mrs. Ms. Dr.):		
Contact Person Full Name: Laura Pritchard			
Conta	act Mailing Address: 255 Fillmore Street		
City: Denver			
State: Colorado			
ZIP Code: 80206			
Territory:			
Coun	try:		
Foreign Postal Code:			
Intern	Internal Mail Code:		
Telep	hone No.: 970-749-8615		

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

#### XII. Delinquent Fees and Penalties

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

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

XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: ( Mr. Mrs. Ms. Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

#### Federal Operating Permit Program Site Information Summary 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:		

**PRINT FORM** 

**RESET FORM** 



Form OP-CR01

All initial issuance, revision, renewal, and reopening permit application 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: RN112029061		
CN: CN606295137		
Account No.:		
Permit No.: TBA		
Project No.: TBA		
Area Name: Longhorn Data Center		
Company Name: Abilene DC 1, LLC		
II. Certification Type (Please mark appropriate box)		
Responsible Official Representative		
III. Submittal Type (Please mark appropriate box) (Only one response can be accepted per form)		
SOP/TOP Initial Permit Application		
GOP Initial Permit Application		
Other:		

IV. Certific	ation of Truth				
This certification does not extend to information which is designated by TCEQ as information for reference only.					
I, Michael Duplantis certify that I am the Responsible Official (RO)			Official (RO)		
	(Certifier Name prin	-	(RO or DAR)		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).					
Time Period: Fromto					
	(Start Date)			(End Date)	
Specific Dates:	01/23/2025		· · · · ·		
	(Date 1)	(Date 2)	(Date 3)	(Date 4)	
	(Date 5)		(Date 6)		
Signature:	1200		Signature Date	1/21/2025	
Title:	lirector				

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

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

I. Identifying Information			
RN: RN112029061			
CN: CN606295137			
Account No.:			
Permit No.: TBA			
Project No.: TBA			
Area Name: Longhorn Data Center			
Company Name: Abilene DC 1, LLC			
II. Certification Type (Please mark appropriate b	pox)		
Designated Representative	Alternated Designated Representative		
III. Requirement and Submittal Type (Please mark the appropriate boxes for each row)			
Requirement: 🗌 Acid Rain Permit	Cross-State Air Pollution Rule (CSAPR)		
Submittal Type: 🗌 Initial Permit Application	Update to Permit Application		
Permit Revision or Renewal	Other: Not applicable		

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

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



# Form OP-REQI

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
	E.	Outdoor Burning (continued)	
•	5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	Yes No
•	6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	Yes No
•	7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	🗌 Yes 🗌 No
II.	Title	30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
	А.	Temporary Fuel Shortage Plan Requirements	
	1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	🗌 Yes 🖾 No
III.	Title	30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
	А.	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.	☐ Yes ⊠ No
		See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.	
	B.	Storage of Volatile Organic Compounds	
•	1.	The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	🗌 Yes 🗌 No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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III.		Fitle 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>	☐ Yes ☐ No	
•	9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	🗌 Yes 🗌 No	
•	10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	🗌 Yes 🗌 No	
•	11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	Yes No	
•	12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	☐ Yes ☐ No	
	F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)			
•	1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § $115.214(a)(1)(C)$ or $115.224(2)$ within the application area.	☐ Yes ☐ No ☐ N/A	

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

<sup>•</sup> For GOP applications, answer ONLY these questions unless otherwise directed.

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 18) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 20) Federal Operating Permit Program Texas Commission on Environmental Quality

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

VI.		tle 40 Code of Federal Regulations Part 60 - New Source Performance Standards ontinued)	
	E.	Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO <sub>2</sub> ) Emissions (continued)	
•	4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.	🗌 Yes 🗌 No
		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.	
•	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.	🗌 Yes 🖾 No
		If the response to Question VI.F.1 is "No," go to Section VI.G.	
	2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	Yes No
	G.	Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
	1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § $60.690(a)(2) - (4)$ for which construction, modification, or reconstruction was commenced after May 4, 1987.	☐ Yes ⊠ No
	2	If the response to Question VI.G.1 is "No," go to Section VI.H.	
	2.	The application area includes storm water sewer systems.	Yes No

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

VI.		itle 40 Code of Federal Regulations Part 60 - New Source Performance Standards ontinued)		
	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>	🗌 Yes 🗌 No	
•	6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	🗌 Yes 🗌 No	
•	7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	🗌 Yes 🗌 No	
•	8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	Yes No	
	I.	Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
•	1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.	☐ Yes ⊠ No ☐ N/A	
•	2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	Yes No	

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 24) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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<b></b>	For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.					
VI.	. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)					
	J.	Incineration Units for Whi	s of Performance for Other Solid Waste ich Construction Commenced After /hich Modification or Reconstruction Co (continued)	mmenced		
•	8.	modified or reconstructed of	constructed before December 9, 2004 and on or after June 16, 2006 combust only we e or a mixture of these materials.		🗌 Yes 🗌 No	
•	9.		is located at an institutional facility and is tional facility that generated the waste.	a distinct	Yes No	
•	10.		burns less than 35 tons per day of wood we or a mixture of these materials.	vaste,	Yes No	
	K.	Subpart OOOO - Standard Production, Transmission a	ls of Performance for Crude Oil and Nat and Distribution	tural Gas		
•	1.		es one or more of the onshore affected fa (a)-(g) that are subject to 40 CFR Part 60		🗌 Yes 🔀 No	
VII.		40 Code of Federal Regulation rdous Air Pollutants	ns Part 61 - National Emission Standards f	òr		
	А.	Applicability				
•	1.	Part 61 subparts.	es a unit(s) that is subject to one or more VII.A.1 is "No" or "N/A," go to Section		☐ Yes ⊠ No ☐ N/A	
	B.	Subpart F - National Emiss	sion Standard for Vinyl Chloride			
	1.	by reaction of oxygen and h	tted at a plant which produces ethylene di hydrogen chloride with ethylene, vinyl ch more polymers containing any fraction of	loride by	🗌 Yes 🗌 No	
	C.		sion Standard for Benzene Emissions for e Emission Sources) of Benzene (Complet ns only)	te this		
•	1.	The application area includ	es equipment in benzene service.		Yes No N/A	

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 26) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

VII.		40 Code of Federal Regulations Part 61 - National Emission Standards for rdous 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).	🗌 Yes 🗌 No	
		If the response to Question VII.D.1 is "No," go to Section VII.E.		
	2.	The application area includes equipment in benzene service as determined by 40 CFR § $61.137(b)$ .	🗌 Yes 🗌 No	
	3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	Yes No	
	E.	Subpart M - National Emission Standard for Asbestos	•	
		Applicability		
	1.	The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>	🗌 Yes 🗌 No	
		Roadway Construction		
	2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	Yes No	
		Manufacturing Commercial Asbestos		
	3.	The application area includes a manufacturing operation using commercial asbestos. If the response to Question VII.E.3 is "No," go to Question VII.E.4.	🗌 Yes 🗌 No	
		a. Visible emissions are discharged to outside air from the manufacturing operation	Yes No	
		b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	🗌 Yes 🗌 No	

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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♦	For GOP applications	answer ONLY	these questions	s unless other	wise directed.
•		,			

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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VII.		itle 40 Code of Federal Regulations Part 61 - National Emission Standards for Iazardous 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.		e 40 Code of Federal Regulations Part 63 - National Emission Standards for ardous Air Pollutants for Source Categories		
	А.	A. Applicability		
•	1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. See instructions for 40 CFR Part 63 subparts made applicable only by	🛛 Yes 🗌 No	
		reference.		
	В.	Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry		
	1.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "No," go to Section VIII.D.</i>	🗌 Yes 🖾 No	

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

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

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VIII.		tle 40 Code of Federal Regulations Part 63 - National Emission Standards for azardous Air Pollutants for Source Categories (continued)		
	C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)		
		Reloading or Cleaning of Railcars, Tank Trucks, or Barges		
	8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.	🗌 Yes 🗌 No	
	9.	The application area includes operations that are complying with $\S$ 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 $ \frac{63.119(g)(6)}{60} $ through the use of a vapor balancing system.	Yes No	
		Transfer Racks		
	11.	The application area includes Group 1 transfer racks that load organic HAPs.	🗌 Yes 🗌 No	
		Process Wastewater Streams		
	12.	The application area includes process wastewater streams. If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.	Yes No	
	13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.	Yes No	
	14.	The application area includes process wastewater streams that are complying with 40 CFR §§ $63.110(e)(1)(i)$ and $(e)(1)(ii)$ .	Yes No	
	15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.	Yes No	

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

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

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

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

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

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

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

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

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

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

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

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

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

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VIII.		Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
	N.	Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)		
		Applicability (continued)		
	9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	🗌 Yes 🗌 No	
	10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	🗌 Yes 🗌 No	
	11.	The application area includes containers that are subject to the requirements of 40 CFR § $63.135$ as a result of complying with 40 CFR § $63.640(o)(2)(ii)$ .	🗌 Yes 🗌 No	
	12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	🗌 Yes 🗌 No	
	13.	The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	Yes No	
	0.	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.	III. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
	0.	Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
	4.	The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ $264.1(g)(6)$ or $265.1(c)(10)$ .	🗌 Yes 🗌 No
	5.	The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	🗌 Yes 🗌 No
	6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	🗌 Yes 🗌 No
	7.	The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	☐ Yes ☐ No
	8.	The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	YES No
	9.	The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	☐ Yes ☐ No
	10.	The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. If the response to Question VIII.O.10 is "Yes," go to Section VIII.P.	☐ Yes ☐ No

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

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For SOP applications, answer ALL questions unless otherwise directed.

VIII.	II. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Р.	. 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>	☐ Yes⊠ No ☐ N/A	
	2.	The application area includes one or more of the affected sources specified in 40 CFR § $63.741(c)(1) - (7)$ .	Yes No	
	Q.	Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.		
•	1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	🗌 Yes 🖾 No	
•	2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R. For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.	☐ Yes ⊠ No	
•	3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section YIII.Q.3 is "Yes," go to Yes," go to Yes," go to Yes," go to Yes,	☐ Yes ☐ No	
•	4.	The application area is located at a site that is a major source of HAP. If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.	Yes No	

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VIII.	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 <sup>3</sup> ) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to</i>	☐ Yes ☐ No
		Section VIII.R. For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z. For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.	
•	6.	The application area includes a triethylene glycol (TEG) dehydration unit. For SOP applications, f the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.	☐ Yes ☐ No
•	7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	🗌 Yes 🗌 No
•	8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	Yes No
•	9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	🗌 Yes 🗌 No

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

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

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

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VIII.	I. 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>	🗌 Yes 🗌 No
	16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>	🗌 Yes 🗌 No
	17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	🗌 Yes 🗌 No
	18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐ Yes ☐ No

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 60) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

VIII.		40 Code of Federal Regulations Part 63 - National Emission Standards for rdous 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 $\S$ 61.342(a).	🗌 Yes 🗌 No
	26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.</i>	🗌 Yes 🗌 No
	27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.	🗌 Yes 🗌 No
	28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.</i>	🗌 Yes 🗌 No
	29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	Yes No
	30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.	Yes No
	31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	Yes No

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For SOP applications, answer ALL questions unless otherwise directed.

VIII.		40 Code of Federal Regulations Part 63 - National Emission Standards for rdous 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>	🗌 Yes 🗌 No
	33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.	🗌 Yes 🗌 No
	34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.	🗌 Yes 🗌 No
	35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	Yes No
	36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.</i>	🗌 Yes 🗌 No
	37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.</i>	🗌 Yes 🗌 No

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 62) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

VIII	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
W.	Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)			
53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	Yes No		
54.	The application area contains a cyanide chemicals manufacturing process. If the response to Question VIII.W.54 is "No," go to Section VIII.X.	🗌 Yes 🖾 No		
55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	Yes No		
Х.	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. If the response to Question VIII.X.1 is "No," go to Section VIII.Y.	🗌 Yes 🖾 No		
2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. If the response to Question VIII.X.2 is "No," go to Section VIII.Y.	Yes No		
3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.	Yes No		
4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.	Yes No		

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

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

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VIII.	II. 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>	🗌 Yes 🗌 No
	20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	Yes No
	21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	Yes No
	22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	Yes No

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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	For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.				
	40 Code of Federal Regulatio Irdous Air Pollutants for Sour	ns Part 63 - National Emission Standards f ce Categories (continued)	or		
AA.	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)				
14.	streams are transferred to a	ns or residual removed from Group 1 wast n off-site treatment operation. <i>Is VIII.AA.13 and VIII.AA.14 are both "N</i>		Yes No	
15.	meeting the requirements o	s are transferred to an offsite treatment fa f 40 CFR § 63.138(h). <i>VIII.AA.15 is "No," go to Question VIII.</i>		Yes No	
16.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.			🗌 Yes 🗌 No	
17.	concentration of compound than 50 ppmw are transferr	is or residuals with a total annual average ls in Table 8 of 40 CFR Part 63, Subpart I ed offsite. <i>VIII.AA.17 is "No," go to Question VIII.</i>		Yes No	
18.	The transferor is demonstra	ting that less than 5 percent of the HAP is FFFF is emitted from waste managemen	n Table 9	Yes No	
19.		es waste management units that receive o m, or a residual removed from a Group 1 shipment or transport.	r manage [	Yes No	
20.		es containers that receive, manage, or treasidual removed from a Group 1 wastewa		Yes No	
21.	a Group 1 wastewater strea wastewater stream.	es individual drain systems that receive o m, or a residual removed from a Group 1 VIII.AA.21 is "No," go to Question VIII.		Yes No	
22.		es individual drain systems that are comp he use of cover and, if vented, closed ven		Yes No	

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 71) Federal Operating Permit Program Texas Commission on Environmental Quality

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 72) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed. For GOP applications, answer ONLY these questions unless otherwise directed.				
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
BB.		Emission Standards for Hazardous Air r Vegetable Oil Production.	Pollutants	
1.	itself a major source of HA	es a vegetable oil production process that P emissions or, is collocated within a plan individually or collectively a major sourc	nt site	🗌 Yes 🔀 No
CC.	Subpart GGGGG - Nation Pollutants: Site Remediation	al Emission Standards for Hazardous Ai on	r	
1.	conducted.	es a facility at which a site remediation is <i>III.CC.1 is "No," go to Section VIII.DD</i> .		☐ Yes ⊠ No
2.		ted at a site that is a major source of HAI III.CC.2 is "No," go to Section VIII.DD.	<u>.</u>	Yes No
3.	§ 63.7881(b)(1) through (6)	y for one of the exemptions contained in ). III.CC.3 is "Yes," go to Section VIII.DD.		Yes No
4.	notified in writing.	es are complete, and the Administrator ha		Yes No
5.	quantity of HAP listed in T during all site remediations	ediation activities, it was determined that able 1 of Subpart GGGGG that will be re will be less than 1 Mg/yr. <i>III.CC.5 is "Yes," go to Section VIII.DD</i> .	emoved	Yes No
6.	The site remediation will be	e completed within 30 consecutive calend	lar days.	Yes No
7.		ceed 30 consecutive calendar days. III.CC.7 is "Yes," go to Section VIII.DD.		🗌 Yes 🗌 No
8.		subject to 40 CFR Part 63, Subpart GGG tion area to an off-site facility.	GG are	Yes No
9.	transferred from the application	Als subject to 40 CFR Part 63, Subpart GO ation area to an off-site facility. III.CC.9 is "Yes," go to Section VIII.DD		Yes No

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		questions unless otherwise directed. LY these questions unless otherwise direct	eted.	
	40 Code of Federal Regulation rdous Air Pollutants for Sour	ns Part 63 - National Emission Standards f ce Categories (continued)	òr	
CC.	CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)			
10.		es a remediation material management un nixed waste per § 63.7886(c).	nit used	Yes No
11.	combination of units with a	es a remediation material management un total annual quantity of HAP less than 1 n § 63.7886(b) per § 63.7886(d).		🗌 Yes 🗌 No
12.			Yes No	
13.	13. The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.		Yes No	
14.	<ul> <li>14. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG.</li> <li>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</li> </ul>		Yes No	
15.			Yes No	
16.		es containers that are complying with alte t have been approved by the EPA per § 6		Yes No
17.	The application area includ specified in 40 CFR § 63.92	es containers using Container Level 1 con 22(b).	ntrols as	Yes No
18.	18. The application area includes containers with a capacity greater than 0.46 m <sup>3</sup> that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).		Yes No	
19.	The application area includ specified in 40 CFR § 63.92	es containers using Container Level 2 con 23(b).	ntrols as	Yes No
20.	The application area includ specified in 40 CFR § 63.92	es containers using Container Level 3 con 24(b).	ntrols as	Yes No
21.	The application area includ requirements of 40 CFR § 6	es individual drain systems complying w 53.962.	ith the	Yes No

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 74) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 75) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 79) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misco	scellaneous (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>	Yes No N/A	
•	2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.		
40 CFR Part 60, Subparts IIII, and KKKK; 40 CFR Part 63, Subpart ZZZZ				
	C.	Emission Limitation Certifications		
<b>♦</b>	1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	🛛 Yes 🗌 No	
	D.	Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements		
	1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	🗌 Yes 🔀 No	
	2.	The application area includes units located at the site that are subject to a site- specific requirement of the SIP.	🗌 Yes 🖾 No	
	3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.	☐ Yes ⊠ No	
	4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.	🗌 Yes 🖾 No	

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For SOP applications, answer ALL questions unless otherwise directed.

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

# Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 81) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

XI.	Misc	Miscellaneous (continued)		
	G. 40 CFR Part 97, Subpart FFFFF - Texas SO <sub>2</sub> Trading Program			
	1.	The application area includes emission units complying with the requirements of the Texas SO <sub>2</sub> Trading Program.	🗌 Yes 🖾 No	
		If the response to Question XI.G.1 is "No," go to Question XI.G.6.		
	2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO <sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.	🗌 Yes 🗌 No	
	3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO <sub>2</sub> and heat input.	🗌 Yes 🗌 No	
	4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO <sub>2</sub> and heat input.	🗌 Yes 🗌 No	
	5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for $SO_2$ and heat input.	🗌 Yes 🗌 No	
	6.	The application area includes emission units that qualify for the Texas SO <sub>2</sub> Trading Program retired unit exemption.	🗌 Yes 🖾 No	
	H. Permit Shield (SOP Applicants Only)		-	
	1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	🛛 Yes 🗌 No	

## Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 82) Federal Operating Permit Program Texas Commission on Environmental Quality

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

Date	Date Permit No.	
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Date	Date Permit No.	
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

### E. PSD Permits and PSD Major Pollutants

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

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

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

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

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

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

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

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
177263	08/21/2024				
177263	08/30/2024				
177263	01/22/2025				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
177262	09/05/2024				
177262	01/23/2025				

#### ♦ J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum

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



Form OP-ACPS

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

Date: 01/23/2025	Regulated Entity No.: RN1120	29061	Permit No.: TBD
Company Name: Abilene	e DC 1, LLC	Area Na	me: Longhorn Data Center

- 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

А.	Compliance Plan — Future Activity Committal Statement				
As th appli	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.				
В.	<ol> <li>Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)</li> </ol>				
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?	X YES 🗌 NO			
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	YES 🗙 NO			
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. ( <i>For reference only</i> )				
*	For Site Operating Permits (SOPs), the complete application should be consulted for an requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly For should be consulted as well as the requirements contained in the appropriate General F 30 TAC Chapter 122.	s. m OP-REQ1			
	Compliance should be assessed based, at a minimum, on the required monitoring, testi keeping, and/or reporting requirements, as appropriate, associated with the applicable r question.				

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

Date: 01/23/2025Regulated Entity No.: RN112029061Permit No.: TBD				Permit No.: TBD				
Con	npany Name: Abilen	e DC 1, l	LC	Area Na	me: Longhorn Data Center			
Part	2							
Α.	Compliance Schee	dule						
Part	f there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.							
1.	1. Specific Non-Compliance Situation							
Unit	Unit/Group/Process ID No.(s):							
SOF	SOP Index No.:							
Pollu	utant:							
Арр	Applicable Requirement							
	Ci	itation			Text Description			
2.	Compliance Status	s Asses	ssment Method and R	ecords Lo	cation			
	Citation		Text Descrip	tion	Location of Records/Documentation			
3.	Non-compliance S	Situation	n Description					
4.	Corrective Action	Plan De	escription					
5.	List of Activities/N	lileston	es to Implement the (	Corrective	Action Plan			

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

Date: 01/23/2025	ate: 01/23/2025 Regulated Entity No.: RN112029061		Permit No.: TBD		
Company Name: Abilend	e DC 1, LLC	Area Na	me: Longhorn Data Center		
Part 2 ( <i>continued</i> )					
6. Previously Submit	ted Compliance Plan(s)				
Туре	of Action	Date Submitted			
7. Progress Report S	Submission Schedule				

Reset Form



Form OP-SUM

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GEN-1	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN1
GEN-2	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN1
GEN-3	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN1
GEN-4	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN2
GEN-5	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN2
GEN-6	OP-UA2	3 MW Tier II Caterpillar C175 Emergency Generator		106.511/09/04/2000		GRP-GEN2
GEN-7	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-8	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-9	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-10	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
GEN-11	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-12	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN3
GEN-13	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN4
GEN-14	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN4
GEN-15	OP-UA2	2 MW Tier IV Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN4
GEN-16	OP-UA2	2.5 MW Tier II Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN5
GEN-17	OP-UA2	2.5 MW Tier II Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN5
GEN-18	OP-UA2	2.5 MW Tier II Caterpillar 3516 Emergency Generator		106.511/09/04/2000		GRP-GEN5
TK-1	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-2	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
ТК-3	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-4	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-5	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-6	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-7	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-8	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-9	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-10	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-11	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-12	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-13	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-14	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
TK-15	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-16	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-17	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TK-18	OP-UA3	Diesel Storage Tank		106.472/09/04/2000		GRP-TANKS
TURB-1	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-2	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-3	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-4	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-5	OP-UA11	Titan 350 Turbine		177263		GRP-TURB1
TURB-6	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2
TURB-7	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2
TURB-8	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No.
TURB-9	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2
TURB-10	OP-UA11	GE LM2500 Turbine		177263		GRP-TURB2



Form OP-PBRSUP

# 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
01/23/2025	TBD	RN112029061

Unit ID No.	Registration No.	PBR No.	Registration Date
GRP-GEN1	177262	106.511	09/05/2024; 01/23/2025
GRP-GEN2	177262	106.511	09/05/2024; 01/23/2025
GRP-GEN3	177262	106.511	09/05/2024; 01/23/2025
GRP-GEN4	177262	106.511	09/05/2024; 01/23/2025
GRP-GEN5	177262	106.511	09/05/2024; 01/23/2025
GRP-TANKS	177262	106.472	09/05/2024; 01/23/2025

### 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

Unit ID No.	PBR No.	Version No./Date

### 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

PBR No.	Version No./Date

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

Date	Permit Number	Regulated Entity Number
01/23/2025	TBD	RN112029061

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
GRP-GEN1	177262	09/05/2024; 01/23/2025	Monitor run-time hours
GRP-GEN2	177262	09/05/2024; 01/23/2025	Monitor run-time hours
GRP-GEN3	177262	09/05/2024; 01/23/2025	Monitor run-time hours
GRP-GEN4	177262	09/05/2024; 01/23/2025	Monitor run-time hours
GRP-GEN5	177262	09/05/2024; 01/23/2025	Monitor run-time hours
GRP-TANKS	177262	09/05/2024; 01/23/2025	Monitor location distance from nearest residence



# Form OP-REQ2

### Form OP-REQ2 Negative Applicable/Superseded Requirement Determinations Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart Db	§60.40b	Subpart Db pertains to steam generating units that begin construction, modification, or reconstruction after June 19, 1984, with a heat input capacity exceeding 29 megawatts (MW). As the natural gas simple-cycle turbines at the Facility are governed by Subpart KKKK and comply with its requirements, they are not subject to Subpart Db.
		GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart Dc	§60.40c	Subpart Dc is applicable to steam generating units constructed after June 9, 1989, with a maximum design heat input capacity between 2.9 MW and 29 MW. Since the Facility's natural gas simple-cycle turbines exceed 100 MMBtu/hr, they are not subject to Subpart Dc.
		GRP-TANKS	OP-UA3	NSPS Subpart K	§60.110	Subpart K pertains to storage vessels for petroleum liquids exceeding 151,412 liters (40,000 gallons) built between June 11, 1973, and May 19, 1978. Since the Facility will be constructed after May 19, 1978, Subpart K is not applicable.
		GRP-TANKS	OP-UA3	NSPS Subpart Ka	§60.110a	Subpart Ka pertains to storage vessels for petroleum liquids exceeding 151,412 liters (40,000 gallons) that were built between May 18, 1978, and July 23, 1984. Since the Facility will be constructed after July 23, 1984, Subpart Ka is not applicable.

GRP-TANKS	OP-UA3	NSPS Subpart Kb	§60.110b(b)	Subpart Kb applies volatile organic liquid storage tanks with capacities of 75 m <sup>3</sup> or more. Since the diesel belly tanks have capacities below this threshold, Subpart Kb is not applicable.
GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart TTTT	§60.5508	Subpart TTTT pertains to stationary combustion turbines with a base load exceeding 250 MMBtu/hr that can sell over 25 MW to a utility and began construction between January 8, 2014, and May 23, 2023. Since the Facility's turbines cannot sell electricity to a utility and will start construction after May 23, 2023, Subpart TTTT is not applicable
GRP-TURB1 & GRP-TURB2	OP-UA11	NSPS Subpart TTTTa	§60.5508a	Subpart TTTTa governs stationary combustion turbines with a base load over 250 MMBtu/hr that combust fossil fuels and can sell more than 25 MW to utility systems, with construction beginning after May 23, 2023. As the Facility's combustion turbines do not sell electricity to a utility, Subpart TTTTa is not applicable.
GRP-TURB1 & GRP-TURB2	OP-UA11	MACT Subpart YYYY	§63.6080	Subpart YYYY pertains to stationary combustion turbines at major sources of hazardous air pollutant (HAP) emissions. However, as the Facility is classified as an area source of HAPs, Subpart YYYY does not apply to the natural gas simple-cycle turbines located there.



Form OP-REQ3

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

# Table 1a: Additions

Date: 01/23/2025	Regulated Entity No.: RN112029061	Permit No.: TBD
Company Name: Abilene DC I, LLC	Area Name: Longhorn Data Center	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
	GRP-GEN1	OP-UA2	60IIII-01	CO	NSPS IIII	<pre>§60.4205(b); §60.4202(b); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039-Appendix I</pre>
	GRP-GEN1	OP-UA2	63ZZZ-01	СО	MACT ZZZZ	§63.6590(c)
	GRP-GEN2	OP-UA2	60IIII-02	СО	NSPS IIII	<pre>\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I</pre>
	GRP-GEN2	OP-UA2	63ZZZ-02	СО	MACT ZZZZ	§63.6590(c)

GRP-GEN3	OP-UA2	60IIII-03	СО	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	СО	MACT ZZZZ	§63.6590(c)
GRP-GEN4	OP-UA2	60IIII-04	CO	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN4	OP-UA2	63ZZZ-04	СО	MACT ZZZZ	§63.6590(c)
GRP-GEN5	OP-UA2	60IIII-05	СО	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	СО	MACT ZZZZ	§63.6590(c)

TCEQ 10018 (APDG 5939v2, Revised 06/15) OP-REQ3 - Applicable Requirements Summary This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 11/08)

GRP-GEN1	OP-UA2	60IIII-01	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN1	OP-UA2	63ZZZ-01	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN2	OP-UA2	60IIII-02	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN2	OP-UA2	63ZZZ-02	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN3	OP-UA2	60IIII-03	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	NOX	MACT ZZZZ	§63.6590(c)

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GRP-GEN4	OP-UA2	60IIII-04	NOX	NSPS IIII	<pre>§60.4205(b); §60.4202(b); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039-Appendix I</pre>
GRP-GEN4	OP-UA2	63ZZZ-04	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN5	OP-UA2	60IIII-05	NOX	NSPS IIII	\$60.4205(b); \$60.4202(b); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	NOX	MACT ZZZZ	§63.6590(c)
GRP-GEN1	OP-UA2	60IIII-01	РМ	NSPS IIII	<pre>§60.4205(b); §60.4202(b)(2); §60.4204(f); §60.4205(b); §60.4205(f); §60.4206; §60.4207(b); §60.4211(a); §60.4211(c); §60.4211(e); §60.4211(e)(1); §60.4211(f); §60.4211(g); §60.4211(g)(1); §60.4211(g)(2); §60.4211(g)(3); §1039.105(b); §1039-Appendix I</pre>
GRP-GEN1	OP-UA2	63ZZZ-01	РМ	MACT ZZZZ	§63.6590(c)

GRP-GEN2	OP-UA2	601111-02	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(2); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN2	OP-UA2	63ZZZ-02	PM	MACT ZZZZ	§63.6590(c)
GRP-GEN3	OP-UA2	60IIII-03	PM	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	РМ	MACT ZZZZ	§63.6590(c)
GRP-GEN4	OP-UA2	60IIII-04	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(2); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN4	OP-UA2	63ZZZ-04	PM	MACT ZZZZ	§63.6590(c)

GRP-GEN5	OP-UA2	601111-05	РМ	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(1); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	PM	MACT ZZZZ	§63.6590(c)
GRP-GEN1	OP-UA2	60IIII-01	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN1	OP-UA2	63ZZZ-01	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-GEN2	OP-UA2	60IIII-02	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(1); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN2	OP-UA2	63ZZZ-02	HC/VOC	MACT ZZZZ	§63.6590(c)

GRP-GEN3	OP-UA2	601111-03	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g)(1); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN3	OP-UA2	63ZZZ-03	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-GEN4	OP-UA2	60IIII-04	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN4	OP-UA2	63ZZZ-04	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-GEN5	OP-UA2	60IIII-05	HC/VOC	NSPS IIII	\$60.4205(b); \$60.4202(b)(2); \$60.4204(f); \$60.4205(b); \$60.4205(f); \$60.4206; \$60.4207(b); \$60.4211(a); \$60.4211(c); \$60.4211(e); \$60.4211(e)(1); \$60.4211(f); \$60.4211(g); \$60.4211(g)(1); \$60.4211(g)(2); \$60.4211(g)(3); \$1039.105(b); \$1039-Appendix I
GRP-GEN5	OP-UA2	63ZZZ-05	HC/VOC	MACT ZZZZ	§63.6590(c)
GRP-TANKS	OP-UA3	60Kb-0001	VOC	NSPS Kb	§60.110b(a)

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GRP-TUBR1	OP-UA11	60KKKK-01	NOX	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(b); §60.4330(a)(2); §60.4333(a); §60.4365(b) ; §60.4415(a)(1)</pre>
GRP-TUBR2	OP-UA11	60KKKK-02	NOX	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(a),(b); §60.4330(a)(2); §60.4333(a); §60.4365(a),(b); §60.4415(a)(1), (a)(2)</pre>
GRP-TUBR1	OP-UA11	60KKKK-01	SO2	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(a),(b); §60.4330(a)(2); §60.4333(a); §60.4365(a),(b); §60.4415(a)(1), (a)(2)</pre>
GRP-TUBR2	OP-UA11	60KKKK-02	SO2	NSPS KKKK	<pre>§60.4320(a)-Table 1; §60.4320(a)-(b); §60.4325; §60.4333(a); §60.4400(a); §60.4400(b),(b)(1),(b)(4), (b)(6); §60.4340(a); §60.4375(a),(b); §60.4330(a)(2); §60.4333(a); §60.4365(a),(b); §60.4415(a)(1), (a)(2)</pre>

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

## Table 1b: Additions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	GRP-GEN1	60IIII-01		60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
	GRP-GEN1	63ZZZ-01	СО			
	GRP-GEN2	60IIII-02		60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
	GRP-GEN2	63ZZZ-02	СО			

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GRP-GEN3	60IIII-03	СО	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN3	63ZZZ-03	СО			
GRP-GEN4	60IIII-04	СО	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN4	63ZZZ-04	СО			
GRP-GEN5	60IIII-05	СО	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN5	63ZZZ-05	СО			
GRP-GEN1	60IIII-01	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN1	63ZZZ-01	NOX			

	GRP-GEN2	60IIII-02	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN2	63ZZZ-02	NOX			
(	GRP-GEN3	60IIII-03	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN3	63ZZZ-03	NOX			
	GRP-GEN4	60IIII-04	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN4	63ZZZ-04	NOX			
	GRP-GEN5	60IIII-05	NOX	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
(	GRP-GEN5	63ZZZ-05	NOX			

GRP-GEN1	60IIII-01	РМ	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN1	63ZZZ-01	PM			
GRP-GEN2	60IIII-02	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN2	63ZZZ-02	PM			
GRP-GEN3	60IIII-03	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN3	63ZZZ-03	PM			
GRP-GEN4	601111-04	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN4	63ZZZ-04	PM			

GF	RP-GEN5	60IIII-05	PM	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN5	63ZZZ-05	РМ			
GF	RP-GEN1	60IIII-01	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN1	63ZZZ-01	HC/VOC			
GF	RP-GEN2	60IIII-02	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN2	63ZZZ-02	HC/VOC			
GF	RP-GEN3	60IIII-03	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GF	RP-GEN3	63ZZZ-03	HC/VOC			

GRP-GEN4	60IIII-04	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN4	63ZZZ-04	HC/VOC			
GRP-GEN5	60IIII-05	HC/VOC	60.4209(a); 60.4211(e)(2); 60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4212	60.4211(g)(1); 60.4211(g)(2); 60.4211(g)(3); 60.4214(b)	60.4214(d); 60.4214(e)
GRP-GEN5	63ZZZ-05	HC/VOC			
GRP-TANKS	60Kb-0001	VOC			
GRP-TUBR1	60KKKK-01	NOX	60.4340(a); 60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4)	60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4)	60.4375(a) 60.4375(b)
GRP-TUBR2	60KKKK-02	NOX	60.4340(a); 60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4)	60.4400(a); 60.4400(b); 60.4400(b)(1); 60.4400(b)(4);	60.4375(a) 60.4375(b)
GRP-TUBR1	60KKKK-01	SO2	60.4365(a); 60.4365(b); 60.4415(a)(1); 60.4415(a)(2)	60.4415(a)(1); 60.4415(a)(2)	

GRP-TUBR2 60KKKK-02 SO2	$\begin{array}{ccccc} 60.4365(a); & 60.4415(a)(1); \\ 60.4365(b); & 60.4415(a)(2) \\ 60.4415(a)(1); \\ 60.4415(a)(2) \end{array}$	
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## Applicable Requirements Summary Form OP-REQ3 (Page 3) Federal Operating Permit Program

## Table 2a: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)

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

## Table 2b: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements

TCEQ 10018 (APDG 5939v2, Revised 06/15) OP-REQ3 - Applicable Requirements Summary This form is for use by sources subject to air quality permit requirements and may be revised periodically. (Title V Release 11/08)



# Form OP-UA2

#### Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 4) Federal Operating Permit Program Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63) Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
GRP-GEN1	63ZZZZ-01	AREA	500+	06+			
GRP-GEN2	63ZZZ-01	AREA	500+	06+			
GRP-GEN3	63ZZZ-01	AREA	500+	06+			
GRP-GEN4	63ZZZ-01	AREA	500+	06+			
GRP-GEN5	63ZZZ-01	AREA	500+	06+			

### Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 10) Federal Operating Permit Program Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60) Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
GRP-GEN1	60IIII-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN2	60IIII-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN3	601111-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN4	601111-01	2005+	NONE	EMERG	CON	0406+
GRP-GEN5	601111-01	2005+	NONE	EMERG	CON	0406+

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

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
GRP-GEN1	60IIII-01	DIESEL		10-		2017+	2016+
GRP-GEN2	601111-01	DIESEL		10-		2017+	2016+
GRP-GEN3	601111-01	DIESEL		10-		2017+	2016+
GRP-GEN4	601111-01	DIESEL		10-		2017+	2016+
GRP-GEN5	601111-01	DIESEL		10-		2017+	2016+

### Stationary Reciprocating Internal Combustion Engine Attributes Form OP-UA2 (Page 12) Federal Operating Permit Program Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60) Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
GRP-GEN1	601111-01	E2237+		NO	YES	CERT		
GRP-GEN2	601111-01	E2237+		NO	YES	CERT		
GRP-GEN3	601111-01	E560-2237		NO	YES	CERT		
GRP-GEN4	601111-01	E560-2237		NO	YES	CERT		
GRP-GEN5	601111-01	E2237+		NO	YES	CERT		



# Form OP-UA3

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

Date	Permit No.	Regulated Entity No.
01/23/2025	TBD	RN112029061

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.
GRP- TANKS	60Kb-0001	PTLQ-3	10K-							



# Form OP-UAII

#### Stationary Turbine Attributes Form OP-UA11 (Page 12) Federal Operating Permit Program Table 6a: Title 40 Code of Federal Regulations (40 CFR Part 60) Subpart KKKK: Stationary Combustion Turbines Texas Commission on Environmental Quality

	Date		Per	mit No.		Regulated Entity No.			
	01/23/2025			TBD			RN112029061		
Unit ID No.	SOP Index No.	Unit Type	Construction/Modification Date	Heat Input	Subject to Da	Service Type	NO <sub>x</sub> Standard	Fuel Type	
GRP-TURB1	60KKKK-01	SIMPLE	2005C	50-850	NO	NOTER	YES	NGO	
GRP-TURB2	60KKKK-02	SIMPLE	2005C	50-850	NO	NOTER	YES	NGFO+	

### Stationary Turbine Attributes Form OP-UA11 (Page 13) Federal Operating Permit Program Table 6b: Title 40 Code of Federal Regulations (40 CFR Part 60) Subpart KKKK: Stationary Combustion Turbines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP Index No.	75% of Peak	30 MW	Turbine Use	NO <sub>x</sub> Control	NO <sub>x</sub> Monitoring	Common Steam Header	Duct Burner
GRP-TURB1	60KKKK-01	NO	NO	ELCT	NO	ANNUAL		
GRP-TURB2	60KKKK-02	NO	NO	ELCT	NO	ANNUAL		

### Stationary Turbine Attributes Form OP-UA11 (Page 14) Federal Operating Permit Program Table 6c: Title 40 Code of Federal Regulations (40 CFR Part 60) Subpart KKKK: Stationary Combustion Turbines Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.		
01/23/2025	TBD	RN112029061		

Unit ID No.	SOP Index No.	Location	SO <sub>2</sub> Standard	Fuel Monitoring	Fuel Quality	Performance Test	Intermediate Storage	Fuel Schedules
GRP-TURB1	60KKKK-01	NO	NO	YES	PRCHS	SAMP		
GRP-TURB2	60KKKK-02	NO	NO	YES	PRCHS	SAMP		



**OP-MON** 

### Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

## Table 1a: CAM/PM Additions

I. Identifying Information						
Account No.:	RN No.: RN	112029061	CN:CN606295137			
Permit No.: TBD	·	Project No.: TBD				
Area Name: Longhorn Data Center						
Company Name: Abilene DC I, LLC						
II. Unit/Emission Point/Group/Proces	ss Informatio	on				
Revision No.:						
Unit/EPN/Group/Process ID No.: GRP-TU	RB1 and GR	P-TURB2				
Applicable Form: OP-UA11						
III. Applicable Regulatory Requireme	nt					
Name: 30 TAC Chapter 111						
SOP/GOP Index No.: 30TAC111A5						
Pollutant: PM						
Main Standard: Section 111.111(a)(1)(c)						
IV. Title V Monitoring Information						
Monitoring Type: PM						
Unit Size:	Unit Size:					
CAM/PM Option No.: PM-P-029						
Deviation Limit:						
CAM/PM Option No.:						
Deviation Limit:						
Control Device Information						
Control Device ID No.: N/A						
Control Device Type:						

### Texas Commission on Environmental Quality Monitoring Requirements Form OP-MON (Page 1) Federal Operating Permit Program

## Table 1a: CAM/PM Additions

I. Identifying Information						
Account No.:	RN No.: RN	112029061	CN:CN606295137			
Permit No.: TBD		Project No.: TBD	)			
Area Name: Longhorn Data Center						
Company Name: Abilene DC I, LLC						
II. Unit/Emission Point/Group/Proces	s Informatio	on				
Revision No.:						
Unit/EPN/Group/Process ID No.: GRP-TU	RB1 and GR	P-TURB2				
Applicable Form: OP-UA11						
III. Applicable Regulatory Requirement	nt					
Name: 30 TAC Chapter 111, Nonagricultur	ral processes	3				
SOP/GOP Index No.: 30TAC111A5						
Pollutant: PM						
Main Standard: Section 111.151(a)						
IV. Title V Monitoring Information						
Monitoring Type: PM						
Unit Size:						
CAM/PM Option No.: PM-P-029						
Deviation Limit:						
CAM/PM Option No.:						
Deviation Limit:						
V. Control Device Information						
Control Device ID No.: N/A						
Control Device Type:	Control Device Type:					