

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Facility Type	Construction/Modification Date	Facility Covered by 40 CFR Part 60, Subparts VV or GGG	Title 40 CFR	Part 60, Subpart	KKK	Fugitives Unit	Components
					Compressors	Reciprocating Compressor in Wet Gas Service	AMEL	AMEL ID No.	Complying with § 60.482-3

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Federal Operating Permit Program
Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)					
		Any Component		Pumps			
		Vacuum Service	Non-VOC or Non-Wet Gas Service	Light Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-2

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Table 1c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit No.	SOP Index No.	Title 30 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)							
		Pumps (continued)				Pressure		Relief	Device
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8	Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 60.482-4

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Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)							
		Pressure Relief Devices (continued)							
		Light Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8

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Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 60,	Subpart KKK	Fugitive Unit	Components	(continued)		
		Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 60.482-6	Flanges and Other Connectors	AMEL	AMEL ID No.	Complying with § 60.482-8

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Table 1f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)								
		Valves								
		2% Valves Leaking	Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 60.482-7	Light Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-7

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Table 1g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No	Title 40		CFR Part 60, Subpart		KKK	Fugitive	Unit	Components (continued)	
		Valves		(continued)			Closed Vent	Systems and	Control	Devices
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8	Control Devices used to comply with AMEL	AMEL ID No.	Flare	Control Device ID No.	Complying with §60.482-10

Fugitive Emission Unit Attributes
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Table 1h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60,		Subpart KKK	Fugitive	Unit Components	(continued)
		Closed Vent Systems		and Control	Devices	(continued)	
		Vapor Recovery System	Control Device ID No.	Complying with § 60.482-10	Enclosed Combustion Device	Control Device ID No.	Complying with § 60.482-10

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 1i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart	KKK Fugitive Unit	Components (continued)
		Control Device(s) and Closed	Vent Systems (continued)	
		Closed-Vent Systems	Complying with § 60.482-10	Control Device ID No.

Fugitive Emission Unit Attributes
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Table 1j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Description

**Fugitive Emission Unit Attributes
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Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps

**Fugitive Emission Unit Attributes
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Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Rupture Disks	Instrumentation Systems	Sampling Connection Systems	TVP \leq 0.002 psia

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**Table 2c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		Fugitive Unit		Components	
		Process Drains	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes
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Table 2d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components	(continued)
		Pressure Relief Valves	ACR	ACR ID No.	Complying with §115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68° F	TVP of Process Fluid VOC > 0.044 psia at 68° F

**Fugitive Emission Unit Attributes
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Table 2e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Open-ended Valves and Lines	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes
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Table 2f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components		(continued)
		Valves (other than pressure relief and open-ended)	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F	

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Table 2g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components		(continued)
		Flanges	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC \leq 0.044 psia at 68°F	TVP of Process Fluid VOC $>$ 0.044 psia at 68°F	

**Fugitive Emission Unit Attributes
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Table 2h: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Agitators	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes
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Table 2i: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352				Fugitive Unit	Components	(continued)	
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Hydrogen Content to Exceed 50% by Volume	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes
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Table 2j: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit		Components	(continued)
		Pump Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes
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Table 2k: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Components Utilizing Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 3a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V		Fugitive Unit	Component		
		Any Component		Pumps	AMEL	AMEL ID No.	Complying with § 61.242-2
		Vacuum Service	VHAP Service				

Fugitive Emission Unit Attributes
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Table 3b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61,		Subpart V Fugitive Unit	Components (continued)
		Compressors	AMEL	AMEL ID No.	Complying with § 61.242-3

Fugitive Emission Unit Attributes
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Table 3c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)							
		Pressure				Relief Device			
		Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 61.242-4	Liquid Service	AMEL	AMEL ID No.	Complying with § 61.242-8

Fugitive Emission Unit Attributes
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Table 3d: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)							
		Sampling Connection Systems	AMEL	AMEL ID No.	Complying with § 61.242-5	Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 61.242-6

Fugitive Emission Unit Attributes
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Table 3e: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)							
		Valves	AMEL	AMEL ID No.	Complying with § 61.242-7	Flanges and Other Connectors	AMEL	AMEL ID No.	Complying with § 61.242-8

Fugitive Emission Unit Attributes
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Table 3f: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit	Components (continued)		
		Product Accumulator Vessels	AMEL	AMEL ID No.	Complying with § 61.242-9

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 3g: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	AMEL	AMEL ID No.	Control Device ID No.	Complying with § 61.242-11(b)

Fugitive Emission Unit Attributes
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Table 3h: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with § 61.242-11(c)	Control Device ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 3i: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Flare	AMEL	AMEL ID No.	Complying with § 61.242-11(d)	Control Device ID No.

Fugitive Emission Unit Attributes
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Table 3j: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)			
		Closed-Vent Systems and		Control Devices	(continued)
		AMEL	AMEL ID No.	Complying with § 61.242-11(f)(1)	Title 40 CFR Part 61, Subpart V Fugitive Unit Description

Fugitive Emission Unit Attributes

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Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/ Modification Date	Compliance Option	Design Capacity	Produces Heavy Liquid Chemicals	Beverage Alcohol Production

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Fugitive Emission Unit Attributes
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Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components						
		Any Component			Pumps			
		Equipment in VOC Service	Vacuum Service	VOC Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2

**Fugitive Emission Unit Attributes
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Table 4c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Compressor				
		Compressor	EEL	EEL ID No.	Complying with 60.482-3	Pressure Relief Devices in Gas/Vapor Service

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Table 4d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)							
		Sampling		Connection		System		Valves	
		Sampling Connection	EEL	EEL ID No.	Complying with 60.482-5	Open-Ended	EEL	EEL ID No.	Complying with 60.482-6

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Table 4e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Valves (continued)				
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with 60.482-7

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Table 4f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8

**Fugitive Emission Unit Attributes
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Table 4g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)							
		Pressure Relief Devices				Connectors			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8	Flanges and Other Connectors	EEL	EEL ID No.	Complying with 60.482-8

**Fugitive Emission Unit Attributes
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Table 4h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with 60.482-10	Control Device ID.

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Table 4i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with 60.482-10	Control Device ID.

**Fugitive Emission Unit Attributes
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Table 4j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Closed Vent System and Control Device				
		Flare	EEL	EEL ID No.	Complying with 60.482-10	Control Device ID.

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Table 4k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)			
		Closed Vent System and Control Devices			
		CVS(or Vapor Collection System)	EEL	EEL ID No.	Complying with 60.482-10

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 4I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart VV Fugitive Unit Description

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	VOC Service	Design Capacity	Equipment in Vacuum Service	VOC Service Less Than 300 Hours

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components							
		Pumps							
		Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)							
		Flanges and Other Connectors	EEL	EEL ID No.	Complying with § 60.482-8	Compressors	EEL	EEL ID No.	Complying with § 60.482-3

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components								
		Pressure Relief Devices								
		Gas/Vapor Service	Light Liquid or Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8	Sampling Connection Systems	EEL	EEL ID No.	Complying with § 60.482-5

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)								
		Valves								
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with § 60.482-7	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	EEL	EEL ID No.	Complying with § 60.482-6	Closed-Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying with § 60.482-10

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)									
		Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.	Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

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

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Title 40 CFR Part	60, Subpart DDD	Fugitive Unit	Components	(continued)	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Description
		Flare	BEEL	BEEL ID No.	Complying with § 60.482-10	Control Device ID No.	

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart J: National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Design Capacity	Any Component in Benzene Service	AMEL	AMEL ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 7a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 2: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	VOC Weight Percent	2-Inch Valves	Title 30 TAC § 115.322 Fugitive Unit Description

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 7b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 2: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 30 TAC		§ 115.322 Fugitive	Unit Components	
		Pump Seals	ACR	ACR ID No.	Complying with § 115.327(3) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 7c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 2: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 30 TAC§ 115.322 Fugitive Unit Components (continued)									
		Valves		(Other Than		Elevated or	Pressure	Relief	Valves)		
		Gaseous VOC Service	ACR	ACR ID No.	Complying with § 115.327(5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Liquid VOC Service	ACR	ACR ID No.	Complying with § 115.327(3) or (5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 56)
Federal Operating Permit Program
Table 7d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 2: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 30 TAC § 115.322 Fugitive Unit Components (continued)									
		Process Drains	ACR	ACR ID No.	Complying with § 115.327(3) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Compressor Seals	ACR	ACR ID No.	Complying with § 115.327(3) or (6) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 7e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 2: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.322 Fugitive Unit Components (continued)									
		Elevated Valves	ACR	ACR ID No.	Complying with § 115.327(3) or (5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Pressure Relief Valve in Gaseous VOC Service	ACR	ACR ID No.	Complying with § 115.327(3) or (5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 58)
Federal Operating Permit Program
Table 7f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D, Division 2: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC § 115.322 Fugitive Unit Components (continued)					
		Connectors	ACR	ACR ID No.	Complying with § 115.327(3) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Components Complying with § 115.358

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 8a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Affected Facility Covered by 40 CFR 60 Subparts VV or KKK

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 8b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components								
		Vacuum Service	Pumps							
			Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes
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Table 8c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)					
		Compressors					
		Any Compressors	Compressors in Hydrogen Service	Reciprocating Compressors that became an affected facility under § 60.14 or § 60.15	EEL	EEL ID No.	Complying with § 60.482-3

Federal Operating Permit Program

Table 8d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

[illegible]

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 8e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)								
		Sampling	Connection	Systems		Open-ended		Valves or	Lines	
		Any Sampling Connection Systems	EEL	EEL ID No.	Complying with § 60.482-5	Any Open-ended Valves or Lines	Valves or Lines Containing Asphalt	EEL	EEL ID No.	Complying with § 60.482-6

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 8f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)						
		Valves						
		Gas/Vapor or Light Liquid Service	Compliance with § 60.483-1	Compliance with § 60.483-2	Leakless Phase III Valves	EEL	EEL ID No.	Complying with§ 60.482-7

**Fugitive Emission Unit Attributes
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Table 8g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)							
		Valves (continued)				Flanges and Other Connectors			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8	Flanges and Other Connectors	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 8h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 8i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes
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Table 8j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Flare	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 8k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				Title 40 CFR Part 60, Subpart GGG Fugitive Unit Description
		Closed-Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying with § 60.482-10	

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 70)
Federal Operating Permit Program
Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Non Research and Development/Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Enclosed-Vented Process Unit AMEL	Heavy Liquid Service	Batch Process AMEL	Pressure Test	Heavy Liquid Service	General AMEL	AMEL ID No.	Heavy Liquid Service	Units Without An AMEL

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 9c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Fugitive Unit Components							
		Pumps		Compressors	Pressure	Relief	Devices	Sampling	Connection Systems
		Light Liquid Service	Heavy Liquid Service	Any	Gas/Vapor Service	Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 9d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Part 63,	Subpart H	Fugitive Unit	Components	
		Open-Ended	Valves or Lines	Valves		Connectors	
		Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 9e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart H		Fugitive Unit Components			
		Agitators		Instrumentation	Systems	Surge Control	Vessels or Bottom Receivers
		Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service	Any	Heavy Liquid Service

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 9f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components						
		Closed-Vent System						
		Any	Recovery or Recapture Devices	Control Device ID No.	Enclosed Combustion Devices	Control Device ID No.	Flares	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 76)
Federal Operating Permit Program
Table 9g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 10: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart I: National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for
Equipment Leaks**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Process Type	Designated HAPs	AMEL	AMEL ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 11a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart F: National Emission Standard for Vinyl Chloride
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 61	Subpart F	Fugitive Unit	Components			
		Relief Valves	Loading and Unloading	Slip Gauges	Pumps			Compressors	
					In process Wastewater Streams	Rotating Pumps	Reciprocating Pumps	Rotating Compressors	Reciprocating Compressors

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 79)
Federal Operating Permit Program
Table 11b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart F: National Emission Standard for Vinyl Chloride
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 61	Subpart F	Fugitive Unit	Components			
		Agitator	Sampling Equipment	Valves	Approved Leak Detection Plan	Open-ended Valves or Lines	Multiple Process Service Line	Flare	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 80)
Federal Operating Permit Program
Table 11c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart F: National Emission Standard for Vinyl Chloride
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 61 Subpart	F Fugitive Unit	Components	Title 40 CFR Part 61, Subpart F Fugitive Unit Description
		Enclosed Combustion Device	Control Device ID No.	Vapor Recovery System	Control Device ID No.	

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 81)
Federal Operating Permit Program
Table 12a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Existing Source	Complying With Title 40 CFR Part 60, Subpart VV	AMEL

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 12b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Enclosed-Vented Process Unit AMEL	Heavy Liquid Service	General AMEL	Heavy Liquid Service	AMEL ID No.	Units Without An AMEL

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 83)
Federal Operating Permit Program
Table 12c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	CC Fugitive	Unit	Components	Complying	With MACT H	
		Pumps	Non-Reciprocating Pumps	Compressors		Pressure Relief	Devices	Sampling	Connection Systems
		Light Liquid Service	Heavy Liquid Service	Hydrogen Service	Not in Hydrogen Service	Gas/Vapor Service	Liquid Service	Any	Heavy Liquid Service

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 84)
Federal Operating Permit Program
Table 12d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components Complying With MACT H										
		Open-Ended	Valves or Lines	Valves				Connectors				
		Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Monitoring Connectors	Leakless Phase III Valves	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Monitoring Valves	Subpart H Program	Random 200	Heavy Liquid Service

Date	Permit No.	Regulated Entity No.

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This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 02/25)

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Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 12f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	CC Fugitive	Unit	Components	Complying With	MACT H
		Closed Vent		Systems				
		Enclosed Combustion Devices	Control Device ID No.	Flares	Control Device ID No.	Bypass Lines	Unsafe to Inspect	Difficult to Inspect

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 87)
Federal Operating Permit Program
Table 12g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components Complying With NSPS VV								
		Any	Pumps							
		Vacuum Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 88)
Federal Operating Permit Program
Table 12h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index NO.	Title 40 CFR Part63,	Subpart CC Fugitive	Unit Components	Complying With	NSPS VV
		Compressors				
		Hydrogen Service	Not in Hydrogen Service	EEL	EEL ID No.	Complying with § 60.482-3

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 89)
Federal Operating Permit Program
Table 12i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive		Unit Components	Complying With	NSPS VV
		Pressure Relief		Devices		
		Gas/Vapor Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 90)
Federal Operating Permit Program
Table 12j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 63,	Subpart CC	Fugitive Unit	Components	Complying	With NSPS	VV
		Pressure Relief	Devices	(continued)		Sampling Connection Systems			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8				

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 91)
Federal Operating Permit Program
Table 12k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 63,	Subpart CC	Fugitive Unit	Components	Complying	With NSPS	VV		
		Open-ended Valves or Lines	EEL	EEL ID No.	Complying with § 60.482-6	Valves					
						Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with § 60.482-7	

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 92)
Federal Operating Permit Program
Table 12I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 63,	Subpart CC	Fugitive Unit	Components	Complying	With NSPS	VV
		Valves		(continued)	Complying with § 60.482-8	Flanges and Other Connectors	EEL	EEL ID No.	Complying with § 60.482-8
		Heavy Liquid Service	EEL	EEL ID No.					

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 93)
Federal Operating Permit Program
Table 12m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components		Complying With		NSPS VV
		Closed-Vent Systems		and Control Devices		
		Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 94)
Federal Operating Permit Program
Table 12n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components Closed-Vent Systems and Control Devices					Complying With NSPS VV
		(continued)					
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.	

Date	Permit No.	Regulated Entity No.

[illegible]

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 96)
Federal Operating Permit Program
Table 12p: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components									
		Pressure		Relief	Devices in		Gas/Vapor	Service			
		Routing to Control	§63.684(j)(5) Exemptions	Pilot-Operated PRD	Balanced Bellows PRD	Control Device Type	Control Device ID No.	Alternate Parameter Monitoring	Continuous Operating Parameter Alternative	Alternate ID No.	Automated Data Recording

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 97)
Federal Operating Permit Program
Table 12q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

[illegible]

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 98)
Federal Operating Permit Program
Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	AMEL	AMEL ID No.	Subject to Another Regulation	VHAP Weight Percent	< 300 Operating Hours	Vacuum Service	Sampling Connection Systems

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 99)
Federal Operating Permit Program
Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components				
		Pumps	Design Capacity < 283,000	AMEL	AMEL ID No.	Complying with § 61.242-2

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 100)
Federal Operating Permit Program
Table 13c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Compressors	Reciprocating Compressor in Wet Gas Service	AMEL	AMEL ID No.	Complying with § 61.242-3

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 101)
Federal Operating Permit Program
Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH	Fugitive Unit	Components	(continued)		
		Pressure Relief Devices (In Gas/Vapor Service)	Relief Device Monitoring	Design Capacity < 283,000	AMEL	AMEL ID No.	Complying with § 61.242-4

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 102)
Federal Operating Permit Program
Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit	Components (continued)		
		Pressure Relief Devices (In Liquid Service)	AMEL	AMEL ID No.	Complying with § 61.242-8

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 103)
Federal Operating Permit Program
Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63,	Subpart HH Fugitive Unit	Components	(continued)
		Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 61.242-6

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 104)
Federal Operating Permit Program
Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 63, Subpart HH	Fugitive Unit	Components	(continued)
		Valves	Design Capacity < 283,000	AMEL	AMEL ID No.	Complying with § 61.242-7

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 105)**

Federal Operating Permit Program

Table 13h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive	Unit Components (continued)		
		Flanges and Other Connectors	AMEL	AMEL ID No.	Complying with § 61.242-8

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 106)
Federal Operating Permit Program
Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)	AMEL	AMEL ID No.	Control Device ID No.
		Product Accumulator Vessels			

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 107)
Federal Operating Permit Program
Table 13j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with § 61.242-11(b)	Control Device ID No

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 108)
Federal Operating Permit Program
Table 13k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Closed-Vent Systems		and Control Devices (continued)		
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with § 61.242-11(c)	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 109)
Federal Operating Permit Program
Table 13I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Flare	AMEL	AMEL ID No.	Complying with § 61.242-11(d)	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 110)
Federal Operating Permit Program
Table 13m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)			Title 40 CFR Part 63, Subpart HH Fugitive Unit Description
		Closed-Vent Systems			
		AMEL	AMEL ID No.	Complying § 61.242 11(f)(1)	

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 111)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Vacuum Service	Enclosed-Vented Process Unit AMEL	Batch Process AMEL	Pressure Test	Heavy Liquid Service

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 112)
Federal Operating Permit Program
Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pumps in Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.163	Compressors	AMEL	AMEL ID No.	Complying with § 63.164

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 113)
Federal Operating Permit Program
Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pressure Relief Devices in Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 63.165	Sampling Connection Systems	AMEL	AMEL ID No.	Complying with § 63.166

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 114)
Federal Operating Permit Program
Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 63.167	Valves in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.168

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 115)
Federal Operating Permit Program
Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pumps in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Valves in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 116)
Federal Operating Permit Program
Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Connectors in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Agitators in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 117)
Federal Operating Permit Program
Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Instrumentation Systems	AMEL	AMEL ID No.	Complying with § 63.169	Pressure Relief Devices in Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 118)
Federal Operating Permit Program
Table 14h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Surge Control Vessels or Bottoms Receivers	§ 63.502(b)(1)-(7) Criteria	Vapor Pressure Criteria	Compliance with § 63.119(b) or (c)	Routed to Process

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 119)
Federal Operating Permit Program
Table 14i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Agitators in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.173	Connectors in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.174

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 120)
Federal Operating Permit Program
Table 14j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Heat Exchange Systems	Subpart Compliance	Cooling Water Monitored	Closed-Vent Systems	AMEL	AMEL ID No.	Complying with § 63.172

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 121)
Federal Operating Permit Program
Table 14k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Recovery or Recapture Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 122)
Federal Operating Permit Program
Table 14I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Enclosed Combustion Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 123)
Federal Operating Permit Program
Table 14m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Flares	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.	Title 40 CFR Part 63, Subpart U Fugitive Unit Description

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 124)
Federal Operating Permit Program
Table 15a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Product Produced	Process Type	Vacuum Service

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 125)
Federal Operating Permit Program
Table 15b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Enclosed Vented Process Unit AMEL	Batch Process AMEL	Pressure Test	Heavy Liquid Service

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 126)
Federal Operating Permit Program
Table 15c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components							
		Pumps in Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.163	Compressors	AMEL	AMEL ID No.	Complying with § 63.164

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 127)
Federal Operating Permit Program
Table 15d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJ Fugitive Unit Components (continued)							
		Pressure Relief Devices in Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 63.165	Sampling Connection Systems	AMEL	AMEL ID No.	Complying with § 63.166

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 128)
Federal Operating Permit Program
Table 15e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 63.167	Valves in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.168

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 129)
Federal Operating Permit Program
Table 15f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Pumps in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Valves in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 130)
Federal Operating Permit Program
Table 15g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Connectors in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Agitators in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 131)
Federal Operating Permit Program
Table 15h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Instrumentation Systems	AMEL	AMEL ID No.	Complying with § 63.169	Pressure Relief Devices in Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 132)
Federal Operating Permit Program
Table 15i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart	JJJ Fugitive Unit	Components (continued)	
		Surge Control Vessels or Bottoms Receivers	Vapor Pressure Criteria	Compliance with § 63.119(b) or (c)	Routed to Process

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 133)
Federal Operating Permit Program
Table 15j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part		63, Subpart	JJJ Fugitive	Unit	Components		(continued)
		Agitators in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.173	Connectors in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.174

Date	Permit No.	Regulated Entity No.

[illegible]

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 135)
Federal Operating Permit Program
Table 15I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Recovery or Recapture Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 136)
Federal Operating Permit Program
Table 15m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Enclosed Combustion Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 137)
Federal Operating Permit Program
Table 15n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR	Part 63,	Subpart JJJ	Fugitive Unit	Components (continued)	Title 40 CFR Part 63, Subpart JJJ Fugitive Unit Description
		Closed-Vent		Systems and	Control Devices	(continued)	
		Flares	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.	

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 138)
Federal Operating Permit Program
Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

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

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 139)
Federal Operating Permit Program
Table 16b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 30 TAC	Chapter 115	Fugitive Unit	Components (continued)				
		Process Drains	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pressure Relief Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 16c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Bypass Line Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 141)
Federal Operating Permit Program
Table 16d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Valves (other than pressure relief, open-ended, and bypass line)	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Flanges or Other Connectors	ACR	ACR ID No.	Complying with § 115.781(b)(9)

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 142)
Federal Operating Permit Program
Table 16e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pump Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)

Fugitive Emission Unit Attributes
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Date	Permit No.	Regulated Entity No.

[illegible]

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 144)
Federal Operating Permit Program
Table 16g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: HRVOC, Division 3: Fugitive Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 145)
Federal Operating Permit Program**

**Table 17a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/Modification Date	Compliance Option	Design Capacity	Facility Type

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 146)
Federal Operating Permit Program**

Table 17b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components			
		Pumps			
		Light Liquid Service	EEL	EEL ID No.	Complying with 60.482-2a

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 147)
Federal Operating Permit Program**

**Table 17c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Compressor				Pressure Relief Devices
		Compressor	EEL	EEL ID No.	Complying with 60.482-3a	Gas/Vapor Service

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 148)
Federal Operating Permit Program**

Table 17d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part VVa	Fugitive Unit	Components	(continued)			
		Sampling	Connection	System		Valves			
		Sampling Connection	EEL	EEL ID No.	Complying with 60.482-5a	Open-Ended	EEL	EEL ID No.	Complying with 60.482-6a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 17e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa		Fugitive Unit	Components	(continued)
		Valves (continued)				
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with 60.482-7a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 17f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 151)
Federal Operating Permit Program**

**Table 17g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)							
		Pressure		Relief Devices		Connectors			
		Heavy or Light Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 152)
Federal Operating Permit Program**

Table 17h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with 60.482-10a	Control Device ID.

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 153)
Federal Operating Permit Program**

Table 17i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance For Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Closed Vent Systems and		Control Devices (continued)		
		Enclosed Combustion Device	EEL	EEL ID No.	Complying With 60.482-10a	Control Device ID.

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 154)
Federal Operating Permit Program**

**Table 17j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Control Devices				
		Flare	EEL	EEL ID No.	Complying with 60.482-10a	Control Device ID.

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 155)
Federal Operating Permit Program**

Table 17k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Control Devices				Connectors
		CVS	EEL	EEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 17I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which
Construction, Reconstruction, or Modification Commenced After November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart VVa Fugitive Unit Description

**Fugitive Emission Unit Attributes
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Table 18a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Affected Facility Covered by 40 CFR 60 Subparts VVa or KKK

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 18b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)								
		Pumps								
		Vacuum Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2a	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-3a

**Fugitive Emission Unit Attributes
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Table 18c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)					
		Compressors					
		Any Compressors	Compressors in Hydrogen Service	Reciprocating Compressors that became an affected facility under § 60.14 or § 60.15	EEL	EEL ID No.	Complying with § 60.482-3a

**Fugitive Emission Unit Attributes
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**Table 18d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)								
		Sampling and Connection Systems				Open-Ended	Valves or	Lines		
		Sampling Connection Systems	EEL	EEL ID No.	Complying with § 60.482-5a	Open-ended Valves or Lines	Valves or Lines Containing Asphalt	EEL	EEL ID No.	Complying with § 60.482-6a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 18e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)						
		Valves						
		Gas/Vapor or Light Liquid Service	Alternative Compliance with § 60.483-1a	Alternative Compliance with § 60.483-2a	Leakless Phase III Valves	EEL	EEL ID No.	Complying with § 60.482-7a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 18f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)								
		Valves (continued)				Pressure Relief Devices				
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a	Gas/Vapor Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 18g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)							
		Pressure Relief Devices (continued)				Connectors			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a

**Fugitive Emission Unit Attributes
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**Table 18h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)					
		Connectors	Closed-Vent	Systems and	Control Devices		
		Gas/Vapor or Light Liquid Service	Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 18i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa	Fugitive Unit	Components (continued)		
		Closed-Vent Systems	and Control Devices	(continued)		
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

**Table 18j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa	Fugitive Unit	Components (continued)		
		Closed-Vent	Systems and	Control Devices	(continued)	
		Flare	EEL	EEL ID No.	Complying With § 60.482-10a	Control Device ID No.

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 18k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or

Modification Commenced after November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive	Unit Components (continued)		
		Closed-Vent Systems and	Control Devices	(continued)	
		Closed-Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying With § 60.482-10a

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 168)
Federal Operating Permit Program**

**Table 18I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or
Modification Commenced after November 7, 2006
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Description

Fugitive Emission Unit Attributes

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Table 19a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Construction/Modification Date	Centrifugal Compressor	Control Option	Control Device ID No.	Combustion Device Compliance Option	Performance Test	Bypass Device

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 19b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Reciprocating Compressor	AMEL	Bypass Device

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 19c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Pneumatic Controller

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 19d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Pneumatic Pump	Control Option	Control Device ID No.	Bypass Device

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 19e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Construction/Modification Date	Fugitive Component	AMEL	Subject to Another Regulation

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 19f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components					
		Any Vacuum Service	Pumps				
			Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-2a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 19g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components			
		Pressure Relief Devices			
		Gas/Vapor Service	Design Capacity < 10MM	AMEL	Complying with 60.482-4a

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 19h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part60, Subpart OOOOa Fugitive Unit Components (continued)			
		Valves			
		Open-Ended	AMEL	AMEL ID No.	Complying with 60.482-6a

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 19i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40CFR Part 60, Subpart OOOOa Fugitives Unit Components (continued)					
		Valves					
		Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	2.0%	AMEL	AMEL ID No.	Complying with 60.482-7a

**Fugitive Emission Unit Attributes
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**Table 19j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 19k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pressure		Relief Devices		Connectors			
		Heavy or Light Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes
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Table 19I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60,	Subpart OOOOa	Fugitive Unit	Components	(continued)
		Closed-Vent Systems and Control Devices (continued)				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Table 19m: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Table 19n: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part	60, Subpart OOOOa	Fugitive Unit	Components	(continued)
		Control Devices				
		Flare	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Table 19o: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No	Title 40		CFR Part 60,	Subpart	OOOOa	Fugitive	Unit	Components	(continued)
		Control		Devices		Connectors				
		CVS	AMEL	AMEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-11a

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program

Table 19p: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Description

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 185)
Federal Operating Permit Program**

Table 20a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011, and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Centrifugal Compressor	Control Option	Control Device ID No.	Combustion Device Compliance Option	Performance Test	Bypass Device

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 186)
Federal Operating Permit Program**

Table 20b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Construction/ Modification Date	Reciprocating Compressor	Bypass Device

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 20c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Pneumatic Controller

**Fugitive Emission Unit Attributes
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Table 20d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Subject to Another Subpart	Construction/Modification Date

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 20e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60,		Subpart OOOO	Fugitive Unit	Components	
		Any Vacuum Service	Pumps				Complying with 60.482-2a
			Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	

Table 20f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality

[illegible]

**Fugitive Emission Unit Attributes
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Table 20g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Open-ended Valves or Lines	Subpart OOOO AMEL	Fugitive Unit AMEL ID No.	Components (continued) Complying with 60.482-6a

**Fugitive Emission Unit Attributes
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Table 20i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.		Title 40 CFR	Part 60,	Subpart	OOOO	Fugitive Unit	Components	(continued)
		Pumps (Continued)				Valves (continued)			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

Federal Operating Permit Program

Table 20j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After August 23, 2011 and on or before September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

[illegible]

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 20k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Federal Operating Permit Program**

Table 20I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 20m: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After August 23, 2011 and on or before September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR	Part 60, Subpart	OOOO Fugitive	Unit Components	(continued)
		Closed Vent Systems		and Control Devices	Control Devices	
		Flare	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes
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Table 20n: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction

Commenced After August 23, 2011 and on or before September 18, 2015

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)								
		Control	Devices	(continued)		Connectors				
		CVS	AMEL	AMEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-11a

**Fugitive Emission Unit Attributes
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Table 20o: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction
Commenced After August 23, 2011 and on or before September 18, 2015
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Description

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 200)
Federal Operating Permit Program
Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Means of Compliance	AMOC-GGGGG ID No.	AMEL-UU ID No.	Heavy Liquid Service	UU Units Without an AMEL

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 201)
Federal Operating Permit Program
Table 21b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Fugitive Unit	Components	Complying	With MACT UU
		Pumps						
		Light Liquid Service	Dual Mechanical Seal System	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS	AMEL	AMEL ID No.	Complying with § 63.1026(a)

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 202)
Federal Operating Permit Program
Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Fugitive Unit	Components	Complying	With MACT UU
		Pumps	(Continued)			Compressors		
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.1029	Any	Leakage Capture and Transport	Instrument Reading <500 ppm

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 203)
Federal Operating Permit Program
Table 21d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Fugitive			Units Components	Complying	With MACT UU
		Compressors (Continued)			Pressure Relief	Devices	Gas/Vapor Service
		AMEL	AMEL ID No.	Complying with § 63.1031(b)	Gas/Vapor Service	Equipped Rupture Disk	Routed to Process or Fuel Gas System or Equipped CVS

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 204)
Federal Operating Permit Program
Table 21e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63,	Subpart	GGGGG	Fugitive Unit	Components	Complying	With	MACT UU
		Pressure Relief	Devices	Gas/Vapor Service (Continued)						
		AMEL	AMEL ID No.	PRD GVS Complying with § 63.7920(e)	Liquid Service	AMEL	AMEL ID No.	Heavy Liquid Service	PRD LS Complying with § 63.7920(e)	Heavy Liquid Service

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 205)
Federal Operating Permit Program
Table 21f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG Fugitive	Unit Components	Complying	With MACT UU
		Sampling	Connection	Systems			
		Any	AMEL	AMEL ID No.	Heavy Liquid Service	Complying with § 63.1032(b)	Heavy Liquid Service

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 206)
Federal Operating Permit Program
Table 21g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40	CFR Part	63, Subpart	GGGGG	Fugitive	Unit	Components	Complying	with	MACT UU
		Valves or Open-ended Lines						Valves			
		Any	AMEL	AMEL ID No.	Heavy Liquid Service	Complying with § 63.1033	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.1025

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 207)
Federal Operating Permit Program
Table 21h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Subpart Title 40 CFR Part 63, GGGGG Fugitive Unit Components Complying with MACT UU							
		Valves (Continued)				Connectors			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.1029	Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.1027

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 208)
Federal Operating Permit Program
Table 21i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG Fugitive Unit Components Complying							With MACT UU
		Connectors (Continued)				Agitators			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.1029	Gas/Vapor or Light Liquid Service	Dual Mechanical Seal System	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Fugitive Unit	Components	Complying	With MACT UU
		Agitators Gas/Vapor	Light Liquid Service	(Continued)	Agitators	Heavy Liquid	Service	
		AMEL	AMEL ID No.	Complying with § 63.1028(c)	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.1029

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 210)
Federal Operating Permit Program
Table 21k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Fugitive Unit	Components	Complying with	MACT UU
		Instrumentation Systems						Closed Vent Systems
		Any	AMEL	AMEL ID No.	Heavy Liquid Service	Complying with § 63.1029	Heavy Liquid Service	Fuel Gas System or Process

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 211)
Federal Operating Permit Program
Table 211: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive	Unit Components	Complying with	MACT UU
		Closed Vent	Systems and	Control Devices	(CVSCD)		
		Non-flare 95% Efficiency	Control Device ID No.	Non-flare 20 ppmv	Control Device ID No.	Combustion 95% Efficiency	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 212)
Federal Operating Permit Program
Table 21m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive	Unit Components	Complying with	MACT UU
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		Combustion 20 ppmv	Control Device ID No.	Residence Time 0.5s Min. 760°C	Control Device ID No.	Flare	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 213)
Federal Operating Permit Program
Table 21n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive	Unit Components	Complying with	MACT UU
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		63GGGGG-Regen. CAS	Control Device ID No.	63GGGGG-Non- Regen. CAS	Control Device ID No.	63GGGGG- Condenser	Control Device ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21o: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart	GGGGG Fugitive Unit	Components Complying with	MACT UU
		Closed Vent Systems and	Control Devices (CVSCD)	(Continued)	
		63GGGGG-Thermal Incinerator	Control Device ID No.	63GGGGG-Catalytic Incinerator	Control Device ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21p: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart	GGGGG Fugitive Unit	Components Complying	With MACT UU
		Closed Vent Systems and	Control Devices (CVSCD)	(Continued)	
		63GGGGG-Boiler or Process Heater	Control Device ID No.	63GGGGG-Flare	Control Device ID No.

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 216)
Federal Operating Permit Program
Table 21q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Enc.-Vent. Process Unit AMEL-UU	Enc.-Vent. Process Unit AMEL-UU ID No.	Negative Pressure	Bypass Device	Flare Compliance

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21r: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Enc.-Vent. Process Unit AMEL-TT	Enc.-Vent. Process Unit AMEL-TT ID No.	General AMEL-TT	General AMEL-TT ID No.	TT Units Without an AMEL

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 218)
Federal Operating Permit Program
Table 21s: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive	Unit Components	Complying	With MACT TT
		Pumps					Compressors
		Light Liquid Service	Handling Polymerizing Monomers	In Food or Medical Service	Complying with § 63.1007	Heavy Liquid Service	Any

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21t: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63,	Subpart	GGGGG Fugitive Unit	Components	Complying with	MACT TT
		Pressure Relief	Devices	Sampling Connection Sys.	Open-Ended Valves	Valves	
		Gas/Vapor Service	Liquid Service	Any	Any	Gas/Vapor or Light Liquid Service	Heavy Liquid Service

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21u: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive	Unit Components	Complying with	MACT TT
		Connectors		Agitators		Instrumentation Systems	Closed Vent Systems
		Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Fuel Gas System or Process

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21v: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive	Unit Components	Complying with	MACT TT
		Closed Vent	Systems and	Control Devices	(CVSCD)		
		Non-flare 95% Efficiency	Control Device ID No.	Non-flare 20 ppmv	Control Device ID No.	Enclosed Combustion Device	Control Device ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21w: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive Unit	Components	Complying with	MACT TT
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		Flare	Control Device ID No.	63GGGGG-Regen. CAS	Control Device ID No.	63GGGGG-Non-Regen. CAS	Control Device ID No.

Fugitive Emission Unit Attributes
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Table 21x: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part	63, Subpart	GGGGG Fugitive Unit	Components	Complying with	MACT TT
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		63GGGGG-Condenser	Control Device ID No.	63GGGGG-Thermal Incinerator	Control Device ID No.	63GGGGG-Catalytic Incinerator	Control Device ID No.

Fugitive Emission Unit Attributes
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Table 21y: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart	GGGGG Fugitive Unit	Components Complying	with MACT TT
		Closed Vent Systems and	Control Devices (CVSCD)	(Continued)	
		63GGGGG-Boiler or Process Heater	Control Device ID No.	63GGGGG-Flare	Control Device ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 21z: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Negative Pressure	Bypass Device	Flare Compliance

Fugitive Emission Unit Attributes
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Table 21aa: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Alternative Work Practice Standards	Work Practice Standards ID No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Compressor Type	ACR	ACR ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Control Option	Control Device	Control Device ID No.	Bypass Device	Unsafe to Monitor	Difficult to Monitor

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Pneumatic Facility Type	ACR	ACR ID No.

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Control Device	Control Device ID No.	Bypass Device	Unsafe to Monitor	Difficult to Monitor

Fugitive Emission Unit Attributes
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Table 22e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Fugitive Component	Components Utilizing Alternative Work Practice in § 115.358

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit	Components	
		Pumps in Light Liquid VOC Service	ACR	ACR ID No.	Polymerizing Monomer	Not Polymerizing Monomer

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components (continued)	
		Pumps in Heavy Liquid VOC Service	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22h: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Valves	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 235)
Federal Operating Permit Program
Table 22i: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Flanges	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22j: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Connectors	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22k: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Pressure Relief Devices	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22l: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Sampling Connections	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22m: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Process Drains	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22n: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Compressors	ACR	ACR ID No.	Complying with § 115.177(b)(1)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 22o: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B, Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.177 Fugitive Unit Description

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Means of Compliance	General AMEL ID No.	TT Units Without an AMEL	Heavy Liquid Service	H Units Without an AMEL

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart EEEE		Fugitive Unit Components		Complying with	MACT TT
		Valves		Pumps		Sampling Connection Systems	Open-ended Valves
		Light Liquid Service	Heavy Liquid Service	Light Liquid Service	Heavy Liquid Service		

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 244)
Federal Operating Permit Program
Table 23c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63,	Subpart EEEE	Fugitive Unit	Components	Complying	with	MACT UU
		Valves							
		Light Liquid Service	AMEL	AMEL ID No.	Complying with §63.1025	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with §63.1029

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 245)
Federal Operating Permit Program
Table 23d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	EEEE Fugitive	Unit	Components	Complying with	MACT UU
		Pumps						
		Light Liquid Service	AMEL	AMEL ID No.	Dual Mechanical Seal	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS	Complying with §63.1026(b)

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63,	Subpart EEEE Fugitive	Unit Components	Complying with MACT UU
		Pumps			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with §63.1029

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63	Subpart EEEE	Fugitive Unit	Components Complying	With MACT UU
		Sampling	Connection	Systems		
		Sampling Connection Systems	AMEL	AMEL ID No.	Heavy Liquid Service	Complying with §63.1032

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63	Subpart EEEE	Fugitive Unit	Components	Complying With MACT UU
		Open-ended	Valves			
		Open-ended Valves	AMEL	AMEL ID No.	Heavy Liquid Service	Complying with §63.1033

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63	Subpart EEEE Fugitive	Unit Components	Complying with MACT H
		Pumps		Sampling Connection	Systems
		Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service

Fugitive Emission Unit Attributes
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Federal Operating Permit Program
Table 23i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63	Subpart EEEE Fugitive	Unit Components	Complying with MACT H
		Valves		Open-Ended	
		Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service