

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 39673 and PSD-TX-920

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Rates *	Source	Air Contaminant	Emission	
			lb/hr	TPY
Point No. (1)	Name (2)	Name (3)		
SLXOL-T01	Selexol Thermal Oxidizer No. 1	PM ₁₀	1.37	6.0
		VOC	65.29	286.0
		NO _x	18.30	80.2
		SO ₂	19.38	84.9
		CO	15.08	66.1
		H ₂ S	0.21	0.9
SLXOL-T02	Selexol Thermal Oxidizer No. 1	PM ₁₀	1.37	6.0
		VOC	65.29	286.0
		NO _x	18.30	80.2
		SO ₂	19.38	84.9
		CO	15.08	66.1
		H ₂ S	0.21	0.9
VENT-DEHY	Selexol Unit Dehydrator Still Vent	VOC	26.46	115.9
STK-RBLR1	Selexol Unit Dehydrator Reboiler	PM ₁₀	0.01	0.1
		VOC	<0.01	<0.1
		NO _x	0.17	0.8
		SO ₂	<0.01	<0.1
		CO	0.15	0.6
STK-COMP8	Waukesha 7042GSI Engine	PM ₁₀	0.01	<0.1
		VOC	<0.01	<0.1
		NO _x	6.52	28.6
		SO ₂	<0.01	<0.1

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CO 9.78 42.8

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Emission Rates *	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
F1	Facility Fugitive Emissions	H ₂ S VOC	0.15 0.11	0.7 0.5
TANK 1	Selexol Storage Tank	VOC	<0.01	<0.1
TANK 2	Sulfuric Acid Tank	H ₂ SO ₄	<0.01	<0.1
TANK 3	Corrosion Inhibitor Tank 1 <0.1		VOC	<0.01
TANK 4	Corrosion Inhibitor Tank 1 <0.1		VOC	<0.01
TANK 5	Engine Coolant Tank 1	VOC	<0.01	<0.1
TANK 6	Engine Coolant Tank 2	VOC	<0.01	<0.1
TANK 10	Engine Lube Oil Tank 1	VOC	<0.01	<0.1
TANK 11	Wastewater Tank 1	VOC	<0.01	<0.1
TANK 12	Wastewater Tank 2	VOC	<0.01	<0.1
TANK 13	Slop Oil/Water Tank	VOC	<0.01	<0.1
TANK 14	Engine Coolant Tank 3	VOC	<0.01	<0.1
TANK 15	Engine Lube Oil Tank 2	VOC	<0.01	<0.1

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter, equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

H₂S - hydrogen sulfide

H₂SO₄ - sulfuric acid

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year _____

Date _____