

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 39673

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
SLXOL-T01	Selexol Thermal Oxidizer No. 1	PM ₁₀	0.16	0.69
		VOC	0.68	12.46
		NO _x	1.98	8.67
		SO ₂	19.38	84.90
		CO	9.86	43.20
		H ₂ S	0.21	0.90
SLXOL-T02	Selexol Thermal Oxidizer No. 1	PM ₁₀	0.16	0.69
		VOC	0.68	12.46
		NO _x	1.98	8.67
		SO ₂	19.38	84.90
		CO	9.68	43.20
		H ₂ S	0.21	0.90
STK-RBLR1	Selexol Unit Dehydrator Reboiler	PM ₁₀	0.01	0.06
		VOC	<0.01	0.04
		NO _x	0.17	0.80
		SO ₂	<0.01	<0.01
		CO	0.15	0.60
F1	Facility Fugitive Emissions	H ₂ S	0.01	0.03
		VOC	0.11	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 4	Corrosion Inhibitor Tank 1	VOC	<0.01	<0.1
TANK 5	Engine Coolant Tank 1	VOC	<0.01	<0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
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.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM₁₀ - particulate matter (PM), equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 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

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Dated: May 17, 2010