

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 76192

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**
FULSG001	Fugitive Piping (4)	VOC	2.9	13.5
HTLSG001	Heater H-3701	VOC	0.3	0.7
		NO _x	1.0	2.1
		SO ₂	1.4	3.1
		PM ₁₀	0.3	0.7
		CO	0.9	1.8
TKTKF827	Tank 827	VOC	7.5	13.0
VTLSG001	Regenerator Scrubber Vent	VOC	0.5	2.2
		SO ₂	2.0	8.8
		SO ₃	0.1	0.6
		H ₂ SO ₄	0.5	2.0
		PM ₁₀	0.8	3.4
		CO	2.6	11.5
VTLSG002	Lockhopper Vent, Sorbent Storage Drum Loading, Sorbent Fines Drum Loading	PM ₁₀	0.2	0.7
VTLSG003	Sorbent Fines Drum Unloading	PM ₁₀	0.01	0.01

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
H₂SO₄ - sulfuric acid
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.
CO - carbon monoxide

- (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 ____ Days/week ____ Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated November 28, 2005