

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78673

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**
S1	Barite Silo Transfer Dust Collector	PM ₁₀	0.11	0.22
S2	49-hp Diesel Engine (4)	VOC	0.12	0.29
		NO _x	1.52	3.65
		CO	0.33	0.79
		PM ₁₀	0.11	0.26
		SO ₂	0.10	0.24
S3	105-gallon Diesel Storage Tank (4)	VOC	<0.01	<0.01

(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

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where permit 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.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Maximum Throughput and Operating Schedule:

Barite Transfer Rate: 50 TPH 200,000 TPY

Diesel Engine: 4,800 hours per year

Diesel Storage Tank: 9,600 gallons per year

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

Dated February 14, 2007_____