

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 77446L001

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**
1	Crusher No. 1 (impact) (4)	PM	0.30	0.47
		PM ₁₀	0.14	0.21
2	Crusher No. 2 (jaw) (4)	PM	0.24	0.47
		PM ₁₀	0.11	0.21
3	Screen (4)	PM	0.55	0.88
		PM ₁₀	0.19	0.30
4	Material Handling (4)	PM	0.02	0.03
		PM ₁₀	0.01	0.01
5	Stockpiles (4)	PM		1.45
		PM ₁₀		0.72
6	Deutz BF6M1015 Engine	NO _x	4.19	6.53
		CO	5.17	8.06
		SO ₂	0.56	0.88
		PM ₁₀	0.24	0.37
		VOC	0.61	0.95
7	Caterpillar 3116 Engine	NO _x	2.94	4.59
		CO	3.65	5.69
		SO ₂	0.30	0.46
		PM ₁₀	0.16	0.25
		VOC	0.42	0.65

(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.

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- (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 and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
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 and throughput rates:

10 Hrs/day 6 Days/week 52 Weeks/year or 3,120 Hrs/year

	<u>Tons/hour</u>	<u>tons/year</u>
Crusher No. 1	250	780,000
Crusher No. 2	200	780,000
Screen	250	800,000
Plant total	250	800,000

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

2008

Dated October 13,