

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73827L001

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	Crushing Operation (4)	PM	0.30	0.31
		PM ₁₀	0.15	0.18
2	Screening Operation (4)	PM	0.44	0.55
		PM ₁₀	0.21	0.26
	Loading/Unloading Operations (4)	PM	0.03	0.04
		PM ₁₀	0.02	0.02
MHFUG	Aggregate Handling (4, 5)	PM	0.22	0.27
		PM ₁₀	0.10	0.12
SPFUG	Stockpiles (4)	PM	-	1.03
		PM ₁₀	-	0.51
E1	Engine No. 1 (6)	PM ₁₀	1.01	1.58
		SO ₂	0.57	0.88
		NO _x	14.26	22.25
		CO	3.07	4.79
		VOC	1.16	1.80
E2	Engine No. 2 (7)	PM ₁₀	0.77	1.20
		SO ₂	0.43	0.67
		NO _x	10.85	16.93
		CO	2.34	3.65
		VOC	0.88	1.37

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- (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) 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.

SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Aggregate Handling emissions represent eight conveyor drop points
- (6) Diesel fired 460-horsepower engine associated with crushing operations
- (7) Diesel fired 350-horsepower engine to supply electricity

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

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

Primary Crusher:	<u>250</u> Tons/hour	<u>624,000</u>
Tons/year		
Total Facility:	<u>624,000</u> Tons/year	

Dated February 3, 2005