

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 37850

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
2	Primary Impact Crusher (4) 0.54	PM	0.36	
		PM ₁₀	0.16	0.24
9	Secondary Impact Crusher (4) 0.36	PM	0.24	
		PM ₁₀	0.11	0.16
4	Screen No. 1 (4)	PM	0.66	0.99
		PM ₁₀	0.22	0.33
11	Screen No. 2 (4)	PM	0.44	0.66
		PM ₁₀	0.15	0.22
12	Screen No. 3 (4)	PM	0.07	0.10
		PM ₁₀	0.02	0.03
1, 3, 5-8, 10, 13-19 TRK	Material Handling and Truck Loading/Unloading (4)	PM	0.21	0.32
		PM ₁₀	0.08	0.12
STK	Stockpiles (4)	PM	-	1.74
		PM ₁₀	-	0.87
Engines	385-Hp Diesel Engines	PM ₁₀	0.84	2.52
		VOC	0.35	1.05
		NO _x	12.96	38.88
		CO	6.48	19.44
		SO ₂	1.45	1.31

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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.
VOC - volatile organic compound
NO_x - nitrogen oxide
CO - carbon monoxide
SO₂ - sulfur dioxide

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

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

Primary Crusher:	<u>300</u> Tons/hour	<u>900,000</u>
Tons/year		

Secondary Crushers:	<u>200</u> Tons/hour	<u>900,000</u>
Tons/year		

Total Facility:	<u>900,000</u> Tons/year
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** Compliance with annual emission limits is based on a rolling 12-month period.

Dated October 27, 2008