

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1994

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**
3, 14, 50-52, 94, 96	Crushing Operations (4)(5)(2 HS Impact, 3 VSI, 2 Cone)	PM	5.01	9.47
		PM ₁₀	1.99	4.66
6, 19, 20-22, 39-42, 71-72	Screening Operations (4)(5)	PM	18.12	45.96
		PM ₁₀	8.62	21.88
1-2, 4-5, 8-13, 16-17, 18a-h, 24, 26, 28, 36, 44, 46, 48, 49a-c, 53a-b, 55-69, 74-80, 91-93, 95, 97, 98-107, 109-115, MHFUG	Material Handling (4)(5) feeders, (hoppers, conveyors, clamshells, loading emissions)	PM	7.13	17.83
		PM ₁₀	3.13	7.81
SPFUG	Stockpiles (4)	PM	-	7.23
		PM ₁₀ -	3.44	

(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) 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.

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- (4) Fugitive emissions are an estimate only.
(5) Emission rates are the total for all listed emission points.

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

HS Impact Crushers:

10 Hrs/day 5 Days/week 52 Weeks/year or 2,200 Hrs/year

Primary HS Impact Crusher Throughput: 2,500 Tons/Hr 5,500,000 Tons/Yr

Secondary HS Impact Crusher Throughput: 800 Tons/Hr 1,760,000 Tons/Yr

Screening Operations, VSI Crushers, and Cone Crushers:

20 Hrs/day 5 Days/week 52 Weeks/year or 4,400 Hrs/year

VSI and Cone Crushers (combined total) Throughput: 3,000 Tons/Hr 13,200,000 Tons/Yr

Loadout Operations:

24 Hrs/day 6 Days/week 52 Weeks/year or 7,488 Hrs/year

Maximum Plant Production Rates: 3,500 Tons/Hr 7,700,000 Tons/Yr

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

Dated November 6, 2003