

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17076

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 and 43	Feed Hoppers (4)	PM	0.0408	0.0367
		PM ₁₀	0.0192	0.0173
2	Primary Crusher (4)	PM	0.7560	0.7560
		PM ₁₀	0.3600	0.3600
16	Impact Crusher (4)	PM	0.1512	0.1512
		PM ₁₀	0.0720	0.0720
17	Impact Crusher (4)	PM	0.1512	0.1512
		PM ₁₀	0.0720	0.0720
22	VSI Crusher (4)	PM	0.4536	0.4536
		PM ₁₀	0.2160	0.2160
32	VSI Crusher (4)	PM	0.4536	0.4536
		PM ₁₀	0.2160	0.2160
44	Crusher (4)	PM	1.5120	0.9072
		PM ₁₀	0.7200	0.4320
51	Secondary Impact Crusher (4) 0.1512	PM		0.1512
		PM ₁₀	0.0720	0.0720
3	All Conveyors (4)	PM	0.7883	1.1199
		PM ₁₀	0.3492	0.5410

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
4	All Screens (4)	PM	4.2800	4.200
		PM ₁₀	0.8988	0.8820

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			lb/hr	TPY
7 and 8	Stackers (4)	PM	0.7800	0.39
		PM ₁₀	0.3900	0.1950
13	Stacker to Surge Pile (4) 7.0200	PM		7.0200
		PM ₁₀	3.5100	3.5100
45	Chute (4)	PM	0.6000	0.7200
		PM ₁₀	0.1260	0.1512
FUG.	Material Handling (4)	PM	0.2124	0.4669
		PM ₁₀	0.1008	0.2218
STK	Stockpile (4)	PM		5.2245
		PM ₁₀		2.6123

(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.

(4) Fugitive emissions are an estimate only.

* 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 of 3,000 tons per hour and 6,000,000 tons per year.

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated_____