

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 50337

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	Feed Hopper (4)	PM PM ₁₀ <0.004	<0.01 0.007	0.015
2	Jaw Crusher (4)	PM PM ₁₀ 0.003	0.006 0.006	0.013
12	Screen 1 (4)	PM PM ₁₀ 0.03	0.07 0.06	0.13
16	Crusher No. 2 (4)	PM PM ₁₀ 0.01	0.023 0.02	0.05
17	Screen No. 2 (4)	PM PM ₁₀ 0.016	0.033 0.03	0.07
19	Crusher No. 3 (4)	PM PM ₁₀ 0.008	0.017 0.02	0.04
22	Screen No. 3 (4)	PM PM ₁₀ 0.016	0.033 0.03	0.07
23	Screen No. 4 (4)	PM PM ₁₀ 0.016	0.033 0.03	0.07
32	Screen No. 5 (4)	PM PM ₁₀ 0.8	0.017 0.016	0.03
43	Product Load Out (4)	PM PM ₁₀ 0.014	0.028 0.014	0.03
FUG1	Material Handling (4) (Conveyors and Surge Bins)	PM PM ₁₀	0.62 0.28	1.24 0.54

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			lb/hr	TPY**
SP_FUG	Stockpiles (4)	PM		33.28
		PM ₁₀	15.85	

(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.

(4) Fugitive emissions are an estimate only.

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

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

Process	Maximum Hourly throughput	Maximum Annual Throughput	
		(Tons per Hour)	(Tons per Year)
Feed Hopper	750	3,000,000	
Primary (Jaw) Crusher	600	2,400,000	
Crusher No. 2	375	1,500,000	
Crusher No. 3	282	1,125,000	
Screen No. 1	750	3,000,000	
Screens Nos. 2, 3, and 4		375	1,500,000
Screen No. 5	188	750,000	

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			<u>lb/hr</u>	<u>TPY**</u>

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