

Emission Sources - Maximum Allowable Emission Rates

Permit Number 79262L001

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, sources, and related activities. 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 (8) *	
			lbs/hour	TPY **
1	Jaw Crusher (4)	PM	0.01	0.02
		PM ₁₀	< 0.01	0.01
3	Cone Crusher (4)	PM	0.03	0.07
		PM ₁₀	0.02	0.03
2	Screen (4)	PM	0.10	0.22
		PM ₁₀	0.03	0.08
TRKFUG	Truck Operations (4) (5)	PM	0.02	0.05
		PM ₁₀	0.01	0.02
MHFUG	Material Handling (4) (6)	PM	0.46	1.01
		PM ₁₀	0.15	0.33
SPFUG	Stockpiles (4) (7)	PM	--	1.44
		PM ₁₀	--	0.72

- (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 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- (4) Fugitive emissions are an estimate only.
- (5) Truck Operations includes: loading crushed stone, unloading fragmented stone, and front end unloading to hopper.
- (6) Material Handling includes: drops off screen and 10 material transfers.
- (7) Stockpile emission rates are based on EPA AP-42 figure 13.2.2-1 dated December 2003 for mean number of rain days greater than 90 days per year.
- (8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Emission Sources – Maximum Allowable Emission Rates

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

12 Hrs/day 7 Days/week 52 Weeks/year or 4,368 Hrs/year

Jaw Crusher:	<u>310</u> Tons/hour	<u>1,357,800</u> Tons/year
Cone Crusher:	<u>180</u> Tons/hour	<u>788,400</u> Tons/year
Total Facility:	<u>310</u> Tons/hour	<u>1,357,800</u> Tons/year

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

Date: December 6, 2012