

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80354

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
1	Jaw Crusher (4)	PM	0.04	0.09
		PM ₁₀	0.02	0.04
2	Cone Crusher (4)	PM	0.24	0.52
		PM ₁₀	0.11	0.24
3	Screen 1 (4) (200 TPH, 5' x 10')	PM	0.44	0.96
		PM ₁₀	0.15	0.32
4	Screen 2 (4) (200 TPH, 8' x 20')	PM	0.44	0.96
		PM ₁₀	0.15	0.32
5	Screen 3 (4)(5) (500 TPH, 5' x 12')	PM	1.88	1.41
		PM ₁₀	0.65	0.49
6	Screen 4 (4)(5) (500 TPH, 5' x 12')	PM	1.88	1.41
		PM ₁₀	0.65	0.49
7	Screen 5 (4)(5) (500 TPH, 5' x 12')	PM	1.88	1.41
		PM ₁₀	0.65	0.49
8	Screen 6 (4)(5) (500 TPH, 5' x 12')	PM	1.88	1.41
		PM ₁₀	0.65	0.49
9	Screen 7 (4)(5) (500 TPH, 5' x 12')	PM	1.88	1.41
		PM ₁₀	0.65	0.73
10	Stockpiles (4)	PM	---	3.54
		PM ₁₀	---	1.77
11	Material Handling (4)	PM	0.28	0.61
		PM ₁₀	0.09	0.20

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr	
<u>TPY</u>				
12	Truck Loading/Unloading (4)	PM	0.06	0.12
		PM ₁₀	0.03	0.06
13	Screen 8 (4)(5) (750 TPH, 6' x 12')	PM	2.81	2.11
		PM ₁₀	0.98	0.73

(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.

(5) There are six stand-alone screens on the property that screen natural sand accumulations.

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

14 Hrs/day 6 Days/week 52 Weeks/year or 4,368 Hrs/year

Primary Crusher: 200 tons/hour 873,600 tons/year

Secondary Crusher: 200 tons/hour 873,600 tons/year

Total Crushing Operations: 200 tons/hour

873,600 tons/year

Dated July 20, 2007