

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84850

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
Rock Crushing Plant				
1	Impact Crusher No. 1(4)	PM	0.54	1.57
		PM ₁₀	0.27	0.77
2	Impact Crusher No. 2 (4)	PM	0.54	1.57
		PM ₁₀	0.27	0.77
3	Impact Crusher No. 3 (4)	PM	0.54	1.57
		PM ₁₀	0.27	0.77
4	Screen No. 1 (4)	PM	0.88	2.56
		PM ₁₀	0.30	0.86
5	Screen No. 2 (4)	PM	0.88	2.56
		PM ₁₀	0.30	0.86
MTHFUG	Material Handling (4)	PM	0.87	2.53
		PM ₁₀	0.29	0.84
SPFUG	Stockpiles (4)	PM	---	3.61
		PM ₁₀	---	1.81

Concrete Batch Plant

1	Cement Silo Baghouse	PM ₁₀	0.05	0.15
2	Fly Ash Silo Baghouse	PM ₁₀	0.05	0.15

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
3	Central Baghouse	PM ₁₀	0.56	1.62
MTHFUG	Material Handling (4)	PM	0.18	0.51
		PM ₁₀ 0.06	0.17	
SPFUG	Stockpiles (4)	PM	---	1.45
		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 - 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 PM 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:

16 Hrs/day 7 Days/week 52 Weeks/year or 5,824 Hrs/year

Concrete Batch Plant

Maximum Hourly Production: 200 Cubic yards/hour

Maximum Annual Production: 1,164,800 Cubic yards/year

Rock Crushing Plant

Primary Impact Crusher: 450 Tons/hour 2,620,800 Tons/year

Secondary Impact Crusher: 450 Tons/hour 2,620,800 Tons/year

Tertiary Impact Crusher: 450 Tons/hour 2,620,800 Tons/year

Total Facility: 450 Tons/hour 2,620,800 Tons/year

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated July 9, 2008