

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17396

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
F1	Aggregate Handling (4, 5)	PM	0.35	0.60
		PM ₁₀	0.15	0.26
F2	Crushing Operations (4, 5)	PM	0.89	1.53
		PM ₁₀	0.44	0.75
F3	Screening Operations (4, 5)	PM	2.19	3.75
		PM ₁₀	1.04	1.79
F4	Stockpiles (4, 5)	PM	-	1.29
		PM ₁₀	-	0.65
CR-1	Primary (Jaw) Crusher (4, 6)	PM	0.12	0.21
		PM ₁₀	0.06	0.10
CR-2	Secondary (Cone) Crusher (4, 6)	PM	0.24	0.44
		PM ₁₀	0.12	0.21
SC-1	Screen (4, 6)	PM	1.32	2.41
		PM ₁₀	0.63	1.15
	Loading/Unloading (4, 6)	PM	0.06	0.21
		PM ₁₀	0.03	0.10
TR-1	Aggregate Handling (4, 6)	PM	0.02	0.04
		PM ₁₀	0.01	0.02
SPFUG	Stockpiles (4, 6)	PM	-	1.45
		PM ₁₀	-	0.72

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- (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) Emission rates of EPN's F1 through F4 and associated stockpile emissions are based on and the facilities are limited by the following maximum operating schedule and production rates:

12 Hrs/day 5.5 Days/week 52 Weeks/year or 3,432 Hrs/year

Primary Crusher (EPN F1):	<u>600</u> Tons/hour	<u>2,059,200</u>
Tons/year		
Total:	<u>2,059,200</u> Tons/year	

- *(6) Emission rates of EPN's CR-1, CR-2, SC-1, TR-1 associated loading/unloading and stockpile emissions are based on and the facilities are limited by the following maximum operating schedule and production rates:

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

Primary Crusher (EPN CR-1):	<u>550</u> Tons/hour	<u>2,000,000</u> Tons/year
Secondary Crusher (EPN CR-2):	<u>200</u> Tons/hour	<u>727,273</u> Tons/year
Total:	<u>550</u> Tons/hour	<u>2,000,000</u> Tons/year
Total Facility		<u>1,150</u>
		Tons/hour
		<u>4,059,200</u>
		Tons/year

Dated April 15, 2005