

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78295L001

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
S03-CR1	Primary Jaw Crusher (4)	PM	0.11	0.34
		PM ₁₀	0.05	0.16
S03-CR2	Secondary Crusher (4)	PM	0.69	2.06
		PM ₁₀	0.34	1.01
S03-CR3	Secondary Crusher (4)	PM	0.30	0.89
		PM ₁₀	0.15	0.44
S03-CR4	Tertiary Crusher (4)	PM	0.30	0.91
		PM ₁₀	0.14	0.41
S03-CR5	Tertiary Crusher (4)	PM	0.30	0.91
		PM ₁₀	0.14	0.41
S03-SC1	Grizzly Screen (4)	PM	1.49	4.46
		PM ₁₀	0.50	1.50
S03-SC2	Unit 2 Screen (4)	PM	1.49	4.46
		PM ₁₀	0.50	1.50
S03-SC3	Unit 3 Screen (4)	PM	1.80	5.40
		PM ₁₀	0.61	1.82
S03-SC4	Unit 4 Screen (4)	PM	0.56	1.67
		PM ₁₀	0.19	0.56
S03-SC5	Unit 5 Screen (4)	PM	0.56	1.67
		PM ₁₀	0.19	0.56

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
S03-SC6	Unit 6 Screen (4)	PM 0.41	1.22	
		PM ₁₀	0.14	0.41
	Load/Unload Operations (4) (5)	PM	0.16	0.49
		PM ₁₀	0.08	0.23
MHFUG	Aggregate Handling (4)	PM	0.76	2.27
		PM ₁₀	0.25	0.74
SPFUG	Stockpiles (4) (6)	PM -	1.47	
		PM ₁₀	-	0.74

- (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) Includes loading fragment material into EPN SO3-SC1 and crushed material (EPNs SO3-H2 through SO3-H6)
- (6) Includes ten stockpiles at 0.12 acre each and one stockpile at 0.84 acre

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

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

Operation shall be limited to the hours between 7:00 a.m. and 9:00 p.m.

Crusher S03-CR1: 547 Tons/hour 3,280,500 Tons/year

Crusher S03-CR2: 572 Tons/hour 3,429,000 Tons/year

Crusher S03-CR3: 248 Tons/hour 1,485,000 Tons/year

Crusher S03-CR4: 253 Tons/hour 1,518,750 Tons/year

Crusher S03-CR5: 253 Tons/hour 1,518,750 Tons/year

Total Facility: 675 Tons/hour 4,050,000 Tons/year

Dated: _____