

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48255

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**
UBC-CR1	Upper Base Jaw Crusher (4)	PM	0.09	0.22
		PM ₁₀	0.05	0.11
UBC-SC1	Grizzly Feed Screen/Hopper (4)	PM	0.79	1.85
		PM ₁₀	0.38	0.88
UBC-TR1 and UBC-TR2	Conveyor Transfers (4)	PM	0.10	0.22
		PM ₁₀	0.04	0.10
UBC-SP1 through UBC-SP3	Stockpiles (4)	PM	-.--	0.36
		PM ₁₀	-.--	0.18
1313-TR1 and 1313-TR2	Conveyor Transfers (4)	PM	0.04	0.06
		PM ₁₀	0.02	0.03
1313-CR1	Cone Crusher (4)	PM	0.25	0.37
		PM ₁₀	0.12	0.18
1313-SC1	Primary Screen (4)	PM	0.82	1.23
		PM ₁₀	0.39	0.59
1313-TR through 1313-TR6	Conveyor Transfers (4)	PM	0.08	0.11
		PM ₁₀	0.03	0.05
1313-SP1 and 1313-SP2	Stockpiles (4)	PM	-.--	0.42
		PM ₁₀	-.--	0.20
MIC-DP1 and MIC-TR1	Material Handling (4)	PM	0.78	1.43
		PM ₁₀	0.37	0.67

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MIC-SC1	Screen (4)	PM	0.53	0.97
		PM ₁₀	0.25	0.46
MIC-CR1	Cone Crusher (4)	PM	0.19	0.34
		PM ₁₀	0.09	0.16
MIC-TR2 through MIC-TR4	Conveyor Transfers (4)	PM	0.06	0.10
		PM ₁₀	0.03	0.03
MIC-SP1 through MIC-SP3	Stockpiles (4)	PM	-.--	0.39
		PM ₁₀	-.--	0.18
RED-CR1	Cone Crusher - 54" (4)	PM	0.25	0.35
		PM ₁₀	0.12	0.17
RED-SC1	Primary Screen (4)	PM	0.82	1.15
		PM ₁₀	0.39	0.55
RED-SC2	Secondary Screen (4)	PM	0.47	0.66
		PM ₁₀	0.22	0.31
RED-TR1 through RED- TR4	Conveyor Transfers (4)	PM	0.06	0.09
		PM ₁₀	0.03	0.04
RED-TR5 through RED-TR7	Conveyor Transfers (4)	PM	0.03	0.04
		PM ₁₀	0.01	0.02
RED-TR8 and RED-TR9	Conveyor Transfers (4)	PM	0.06	0.08
		PM ₁₀	0.02	0.04
RED-SP2 through RED-SP6	Stockpiles (4)	PM	-.--	0.65
		PM ₁₀	-.--	0.30

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) PM - particulate matter, suspended in the atmosphere

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PM₁₀ - particulate matter equal to or less than 10 microns in diameter

(4) Fugitive emissions are an estimate

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

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

Source/Process	Maximum Hourly Throughput (tons)	Maximum Annual Throughput (tons)
Upper Base Crushers Plant	450	2,100,000
Upper Base Jaw Crusher	450	2,100,000
1313 Cone Crusher	200	600,000
Red Rock 54" Cone Crusher	200	560,000
Micro Cone Crusher	150	550,000

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

Dated December 23, 2008