

## 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
		PM10 0.05	0.11	
UBC-SC1	Grizzly Feed Screen/Hopper (4)	PM	0.79	1.85
		PM10 0.38	0.88	
UBC-TR1 and UBC-TR2	Conveyor Transfer (4)	PM	0.10	0.22
		PM10	0.04	0.10
UBC-SP1, UBC-SP2 UBC-SP3	Stockpiles (4)	PM		0.36
		PM10		0.18
1313-TR1 and 1313-TR2	Conveyors (4)	PM	0.04	0.06
		PM10	0.02	0.03
1313-CR1	Cone Crusher (4)	PM	0.25	0.37
		PM10 0.12	0.18	
1313-SC1	Primary Screen (4)	PM	0.82	1.23
		PM10 0.39	0.59	
1313-TR3 thru 1313-TR6	Conveyors (4)	PM	0.08	0.11
		PM10	0.03	0.05
1313-SP1 and 1313-SP2	Stockpiles (4)	PM		0.42
		PM10		0.20
MIC-DP1 and MIC-TR1	Material Handling (4)	PM	0.78	1.43
		PM10	0.37	0.67
MIC-SC1	Screen (4)	PM	0.53	0.97
		PM10 0.25	0.46	

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			lb/hr	TPY**
MIC-CR1	Cone (4)	PM	0.19	0.34
		PM10 0.09	0.16	
MIC-TR2 and MIC-TR3	Convveyors (4)	PM	0.04	0.06
		PM10	0.02	0.02
MIC-SP1, MIC-SP2, and MIC-SP3	Stockpiles (4)	PM		0.39
		PM10		0.18
RED-CR1	Cone Crusher-54" (4)	PM	0.25	0.35
		PM10 0.12	0.17	
RED-SC1	Primary Screen (4)	PM	0.82	1.15
		PM10 0.39	0.55	
RED-SC2	Secondary Screen (4)	PM	0.47	0.66
		PM10 0.22	0.31	
RED-TR1 thru RED-TR4	Conveyors (4)	PM	0.06	0.09
		PM10	0.03	0.04
RED-TR5 Thru RED-TR7	Conveyors (4)	PM	0.03	0.04
		PM10	0.01	0.02
RED-TR8 and RED-TR9	Conveyors (4)	PM	0.06	0.08
		PM10	0.02	0.04
RED-SP1 thru RED-SP6	Stockpiles (4)	PM		0.78
		PM10		0.36

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

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - 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.

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

24\_Hrs/day 7\_Days/week 52\_Weeks/year or 8,760\_Hrs/year

<u>Source/Process</u>	<u>Maximum Hourly Throughput(tons)</u>	<u>Maximum Annual Throughput(tons)</u>
-		
Upper Base Plant	450	2,100,000
Jaw Crusher	450	2,100,000
1313 Cone Crusher		200
	600,000	
Red 54" Cone Crusher	200	560,000
MIC Cone Crusher		150
	550,000	

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