

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 40670

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, sources, and related activities. 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 (7) *	
			lbs/hour	TPY
1, 28, 44	Material Handling (4) (6)	PM	0.25	0.48
		PM <sub>10</sub>	0.12	0.23
4, 7-11, 13-20, 29, 30, 32, 40, 41, 43, 45, 47, 50, 53	Material Transfers (4) (6)	PM	1.44	2.70
		PM <sub>10</sub>	0.47	0.89
21, 22, 24-27, 34, 36- 38, 41	Saturated Material Transfers (4) (5) (6)	PM	0.04	0.07
		PM <sub>10</sub>	0.01	0.03
2	Screen No. 1 (4)	PM	3.52	6.60
		PM <sub>10</sub>	1.18	2.22
3	Primary Crusher (4)	PM	1.08	2.03
		PM <sub>10</sub>	0.53	1.00
5	Screen No. 2 (4)	PM	2.42	4.54
		PM <sub>10</sub>	0.81	1.53
6	Crusher No. 2 (4)	PM	0.36	0.68
		PM <sub>10</sub>	0.18	0.33
12	Cage Mill (4)	PM	0.36	0.68
		PM <sub>10</sub>	0.18	0.33
23	Screen No. 3 (4) (5)	PM	0.03	0.06
		PM <sub>10</sub>	0.01	0.02
31	Screen No. 4 (4)	PM	0.66	1.24
		PM <sub>10</sub>	0.22	0.42
33	Crusher No. 3 (4)	PM	0.36	0.68
		PM <sub>10</sub>	0.18	0.33
35	Screen No. 5 (4) (5)	PM	0.08	0.14
		PM <sub>10</sub>	0.03	0.05

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39	Screen No. 6 (4) (5)	PM	0.05	0.10
		PM <sub>10</sub>	0.02	0.03
42	Screen No. 7 (4) (5)	PM	0.02	0.04
		PM <sub>10</sub>	0.01	0.01
46	Crusher No. 4 (4)	PM	0.84	1.58
		PM <sub>10</sub>	0.38	0.71
48	Screen No. 8 (4)	PM	0.77	1.44
		PM <sub>10</sub>	0.26	0.49
49	Screen No. 9 (4)	PM	0.77	1.24
		PM <sub>10</sub>	0.26	0.49
51	Screen No. 10 (4)	PM	0.66	1.44
		PM <sub>10</sub>	0.22	0.42
52	Screen No. 11 (4)	PM	0.66	1.44
		PM <sub>10</sub>	0.22	0.42
STK	Stockpiles (4)	PM	--	8.67
		PM <sub>10</sub>	--	4.13

- (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 - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- (4) Fugitive emissions are an estimate only.
- (5) Material going through this emission point is represented as being under saturated conditions.
- (6) Permit by Rule (PBR) Registration No. 75170 has been incorporated to this permit.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

\* Emission rates 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:

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EPN	Source Name	Maximum Throughput	
		tons per hour	tons per year
3	Primary Crusher	900	3,375,000
6	Crusher No. 2	300	1,125,000
12	Cage Mill	300	1,125,000
33	Crusher No. 3	300	1,125,000
46	Crusher No. 4	700	2,625,000
	Plant Total	1,600	6,000,000

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

Date: March 8, 2013