

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36808

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1, 2, 4, 11, and 29	Material Handling (4)	PM PM <sub>10</sub>	1.978 0.989	4.47 2.24
3, 9, and 10	Stockpiles (4)	PM PM <sub>10</sub>	0.039 0.019	0.544 0.272
5, 12, 18, and 27 1.992		Feed Hoppers (4) PM		1.921
		PM <sub>10</sub>	0.960	0.996
6	Crusher (4)	PM PM <sub>10</sub>	2.10 1.05	2.14 1.07
7, 8, 13, 14, 15, 0.547 19, 20, and 21		Conveyors (4) PM		0.301
		PM <sub>10</sub>	0.150	0.274
16 and 17	Roller Mill Baghouse 1	PM <sub>10</sub> SO <sub>2</sub> NO <sub>x</sub> CO VOC	0.100 0.006 1.000 0.210 0.006	0.374 0.022 3.643 0.765 0.021
22 and 23	Roller Mill Baghouse 2	PM <sub>10</sub> SO <sub>2</sub> NO <sub>x</sub> CO VOC	0.100 0.006 1.000 0.210 0.006	0.374 0.022 3.643 0.765 0.021

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
28	Bagger Baghouse	PM <sub>10</sub>	0.056	0.204
24	Storage Silo Baghouse	PM <sub>10</sub>	<0.01	<0.01
25	Storage Silo Baghouse	PM <sub>10</sub>	<0.01	<0.01
26	Storage Silo Baghouse	PM <sub>10</sub>	<0.01	<0.01

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

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 PM greater than 10 microns is emitted.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

20 Hrs/day 7 Days/week 52 Weeks/year or 7,280 Hrs/year

Dated \_\_\_\_\_