

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36250

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	Aggregate Handling (4)(5)	PM	2.00	5.97
		PM ₁₀	0.84	2.46
2	Stockpiles (4)	PM	-	1.87
		PM ₁₀	-	0.94
17	Grinding Mill No. 1 Baghouse	SO ₂	<0.01	<0.01
		NO _x	0.34	1.47
		CO	0.07	0.31
		VOC	0.02	0.08
		PM ₁₀	0.72	3.14
18	Grinding Mill No. 2 Baghouse	SO ₂	<0.01	<0.01
		NO _x	0.34	1.47
		CO	0.07	0.31
		VOC	0.02	0.08
		PM ₁₀	0.72	3.14
19	Grinding Mill No. 3 Baghouse	SO ₂	<0.01	<0.01
		NO _x	0.34	1.47
		CO	0.07	0.31
		VOC	0.02	0.08
		PM ₁₀	0.72	3.14
20	Overhead Silo Baghouse	PM ₁₀	0.17	0.71
21	Vertical Silo Baghouse	PM ₁₀	0.17	0.71
22	Truck Loadout Baghouse	PM ₁₀	0.33	1.45

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			lb/hr	TPY
23	Bagger No. 1 Baghouse	PM ₁₀	0.17	0.71
24	Bagger No. 2 Baghouse	PM ₁₀	0.17	0.71
25	Primary Bagger Baghouse	PM ₁₀	0.26	1.13
26	Pneumatic Tank Baghouse	PM ₁₀	0.17	0.71
27	Classifier Baghouse	PM ₁₀	0.52	2.26

(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.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

(4) Fugitive emissions are an estimate only.

(5) These emissions include truck dump, conveyors, primary crusher, and screens prior to the milling area.

* 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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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
	Primary Crusher:	<u>50</u> Tons/hour		<u>300,000</u>
Tons/year				
	Secondary Mills:	<u>20</u> Tons/hour		<u>120,000</u>
Tons/year				
	Total Facility:	<u>300,000</u> Tons/year		

Dated_____