

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. T-16759

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	Baghouse - Fluid Bed Dryer	PM ₁₀	0.7	3.24
		VOC	<0.1	0.02
		NO _x	0.2	0.87
		CO	<0.1	0.22
		SO ₂	<0.1	<0.01
		HF	0.1	0.30
2	Baghouse - Dryer/Filter	PM ₁₀	1.0	4.46
		VOC	<0.1	0.02
		NO _x	0.2	0.87
		CO	<0.1	0.22
		SO ₂	<0.1	<0.01
3	Baghouse - Mill	PM ₁₀	1.3	5.68
4	Stockpile (4)	TSP	-	<0.01
		PM ₁₀	-	<0.01
5	Roads (4)	TSP	-	0.08
		PM ₁₀	-	0.04

(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) TSP - total suspended particulate matter (including PM₁₀)

PM₁₀ - particulate matter (PM) less than 10 microns

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VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HF - hydrogen fluoride

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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, up to 8,736 Hrs/year
Bentonite: 1.15 tons/hour 8,625 tons/year

Dated _____