

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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 Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
1	Baghouse - Fluid Bed Dryer			PM10	0.7	3.24
				VOC	<0.1	0.02
				NOx	0.2	0.87
				CO	<0.1	0.22
				SO2	<0.1	<0.01
				HF	0.1	0.30
2	Baghouse - Dryer/Filter			PM10	1.0	4.46
				VOC	<0.1	0.02
				NOx	0.2	0.87
				CO	<0.1	0.22
				SO2	<0.1	<0.01
3	Baghouse - Mill			PM10	1.3	5.68
4	Stockpile (4)			TSP	-	<0.01
				PM10	-	<0.01
5	Roads(4)			TSP	-	0.08
				PM10	-	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
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - 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.

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- * 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: 0.4 tons/hour 3,355 tons/year