

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4390

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant		<u>Emission Rates</u>
			lb/hr	TPY	
1	Truck Receiving Pit (a)			PM10	16.80 1.00
	No 1. Cyclone Dust Collectors				
2	Truck Receiving Pit (a)			PM10	16.80 1.00
	No 2. Cyclone Dust Collectors				
3	Hammermilling and (b)			PM10	1.00 0.06
	Mixing Cyclone Dust Collector				
4	Redex Dryer (c)			TSP	5.10 1.50
				PM10	2.55 0.75
				VOC	<0.01 <0.01
				NOx	0.05 0.02
				CO	0.01 <0.01
				S02	<0.01 <0.01
	Truck Loadout (d)			TSP (4)	25.20
				PM10	12.60
	Railcar Loadout (d)			TSP (4)	25.20
				PM10	12.60
	Total Loadout (e)			TSP (4)	1.80
	Operations			PM10	0.90

(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 including PM10

PM10 - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

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NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

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- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 168 tons and an annual throughput of 20,000 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 10 tons and an annual throughput of 1,200 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 17 tons and an annual throughput of 10,000 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 280 tons of grain.
- (e) Emission rates are based on and the facilities are limited to an annual throughput of 40,000 tons of grain.

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