

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23501

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	
	Receiving Pit (a)		TSP		13.50
			PM10		7.92
					6.75
					3.96
	Roughage Receiving Area (b)		TSP		2.70
			PM10		2.07
					1.35
					1.04
	Airlift Cyclone No. 1 (c)		PM10		2.20
					2.08
	Airlift Cyclone No. 2 (c)		PM10		2.20
					2.08
	Mixed Ration Loadout Area (d)		TSP		2.70
			PM10		5.00
					1.35
					2.50
	Boiler No. 1 (e)		PM10		0.03
			SO2		0.07
			NOx		<0.01
			CO		0.01
			VOC		0.50
					1.10
					0.10
					0.22
					0.03
					0.07
	Boiler No. 2 (e)		PM10		0.03
			SO2		0.07
			NOx		<0.01
			CO		0.01
			VOC		0.50
					1.10
					0.10
					0.22
					0.03
					0.07
	Vehicular Traffic (f)		TSP		
			PM10		16.79
					7.56

- (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
SO2 - sulfur dioxide

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NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 88,000 tons of feed and feed ingredients.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 15 tons and an annual throughput of 23,000 tons of feed and feed ingredients.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 22 tons and an annual throughput of 41,500 tons of feed and feed ingredients.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 30 tons and an annual throughput of 111,000 tons of feed and feed ingredients.
- (e) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 4,380
- (f) Emission limits for vehicular traffic are based on 59,966 vehicular miles traveled per year.

Dated _____