

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24788

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
	Grain/Supplement Receiving Pit (a)	TSP	18.00	13.52
		PM <sub>10</sub>	9.00	6.76
	Airlift Cyclone (b)	PM <sub>10</sub>	5.50	6.93
	Flaked Grain/Supplement Loadout Area (c)	TSP	4.95	6.76
		PM <sub>10</sub>	2.48	3.38
	Roughage Receiving Area (d)	TSP	4.50	0.65
		PM <sub>10</sub>	2.25	0.32
	Handling/Mixing Operations (e)	TSP	5.49	7.41
		PM <sub>10</sub>	2.75	3.71
	Boiler (f)	PM <sub>10</sub>	0.02	0.03
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.42	0.59
		CO	0.08	0.11
		VOC	0.02	0.03

- (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 PM<sub>10</sub>  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 SO<sub>2</sub> - sulfur dioxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 VOC - volatile organic compounds as defined in General Rule 101.1

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- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 150,200 tons of dry feed and dry feed ingredients.
- (b) Emission rates are based on and the facilities are limited to an hourly throughput of 55 tons and an annual throughput of 138,500 tons of dry feed and dry feed ingredients.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 55 tons and an annual throughput of 150,200 tons of dry feed and dry feed ingredients.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 7,200 tons of dry feed and dry feed ingredients.
- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 58 tons and an annual throughput of 157,400 tons of dry feed and dry feed ingredients.
- (f) Emission rates are based on and the facilities are limited to the following maximum operating schedule:

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 2,800

Dated\_\_\_\_\_

