

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 46634

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, sources, and related activities. 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)	Emission Rates	
			lbs/hour	TPY*
2-A1	Steam Boiler Stack (42 MMBtu/hr) (Natural Gas or Tallow) (6)	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.80	3.50
		SO <sub>2</sub>	0.09	0.37
		NO <sub>x</sub>	4.96	21.71
		CO (4)	3.46	15.16
		VOC	0.23	1.00
		Odors (5)	--	--
BD-S1	Blood Dryer Scrubber Stack	PM/PM <sub>10</sub>	1.67	7.24
		PM <sub>2.5</sub>	0.07	0.29
		SO <sub>2</sub>	0.01	0.02
		NO <sub>x</sub>	0.89	3.86
		CO	0.74	3.25
		VOC	0.05	0.22
		H <sub>2</sub> S	0.10	0.46
		NH <sub>3</sub>	0.78	3.42
		Odors (5)	--	--
BG-1	Baghouse (Blood Meal Storage Silo and Blood Meal Loadout)	PM/PM <sub>10</sub>	0.12	0.53

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**Permit by rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:**

Permit By Rule 106.183

2-B1	Standby Boiler Stack (6) (38 MMBtu/hr) (Natural Gas)	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.28	1.24
		SO <sub>2</sub>	0.02	0.10
		NO <sub>x</sub>	3.73	16.32
		CO	3.13	13.71
		VOC	0.20	0.90
		Odors (5)	--	--

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 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 Title 30 Texas Administrative Code § 101.1  
 H<sub>2</sub>S - hydrogen sulfide  
 NH<sub>3</sub> - ammonia

(4) The CO emission rates are based on the use of natural gas. All other emission rates are based on the use of tallow.

(5) Odors are not quantified and shall be maintained at a minimum level.

(6) 2-A1 and 2-B1 shall not operate simultaneously.

\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated: December 28, 2010

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