

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3746

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)	Emission Rates *	
			lb/hr	TPY**
B1	Boiler 1 (30.1 MMBtu/hr) (NG or LPG fired)	NO <sub>x</sub>	5.88	---
		CO	2.53	---
		SO <sub>2</sub>	0.02	---
		VOC	0.17	---
		PM <sub>10</sub>	0.23	---
	Boiler 1 (30.1 MMBtu/hr) (Tallow fired)	NO <sub>x</sub>	3.04	---
		CO	0.54	---
		SO <sub>2</sub>	0.02	---
		VOC	0.15	---
		PM <sub>10</sub>	0.57	---
	Boiler 1 (30.1 MMBtu/hr) (NG, LPG, or Tallow) (4)	NO <sub>x</sub>	---	6.00
		CO	---	2.18
		SO <sub>2</sub>	---	0.02
		VOC	---	0.16
		PM <sub>10</sub>	---	0.58
B2	Boiler 2 (26.8 MMBtu/hr) (NG or LPG fired)	NO <sub>x</sub>	5.22	---
		CO	2.25	---
		SO <sub>2</sub>	0.02	---
		VOC	0.15	---
		PM <sub>10</sub>	0.20	---
	Boiler 2 (26.8 MMBtu/hr) (Tallow fired)	NO <sub>x</sub>	2.70	---
		CO	0.48	---
		SO <sub>2</sub>	0.02	---
		VOC	0.14	---
		PM <sub>10</sub>	0.51	---

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			lb/hr	TPY**
	Boiler 1 (26.8 MMBTu/hr) (NG, LPG, or Tallow) (4)	NO <sub>x</sub>	---	5.33
		CO	---	1.94
		SO <sub>2</sub>	---	0.02
		VOC	---	0.14
		PM <sub>10</sub>	---	0.34
PS2	Blood Drier	PM <sub>10</sub>	0.03	0.13
		VOC	0.01	0.05
		NO <sub>x</sub>	0.35	1.31
		CO	0.09	0.33
		SO <sub>2</sub>	0.01	0.01
3B	Blood Meal Silo Vent	PM	0.38	1.42
		PM <sub>10</sub>	0.19	0.71

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 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.  
 CO - carbon monoxide
- (4) Annual emissions are based on 2,040 hours of firing natural gas, liquid petroleum gas, or tallow per boiler.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

\_\_\_\_Hrs/day \_\_Days/week \_\_Weeks/year or 7,488 Hrs/year

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

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

Dated June 26, 2006