

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3401

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
P1-No. 1	262 MMBtu/hr Boiler	NO <sub>x</sub>	10.48	39.90
		CO	20.96	91.80
		VOC	1.41	6.18
		SO <sub>2</sub>	0.15	0.66
		PM/PM <sub>10</sub>	1.95	8.55
P1-No. 3	170 MMBtu/hr Combustion Engineering Model 33-A-15 Boiler	NO <sub>x</sub>	31.67	138.70
		CO	14.00	61.32
		VOC	0.92	4.02
		SO <sub>2</sub>	0.10	0.40
		PM/PM <sub>10</sub>	1.27	5.09
P2-No. 1	98.6 MMBtu/hr Riley (4) Stoker Package Water Tube Boiler	NO <sub>x</sub>	14.09	43.94
		CO	8.12	35.57
		VOC	0.53	2.33
		SO <sub>2</sub>	10.00	3.83
		PM/PM <sub>10</sub>	2.32	3.79
P2-No. 2	98.6 MMBtu/hr Riley (4) Stoker Package Water Tube Boiler	NO <sub>x</sub>	14.09	43.94
		CO	8.12	35.57
		VOC	0.53	2.33
		SO <sub>2</sub>	10.00	3.83
		PM/PM <sub>10</sub>	2.32	3.79

The following rates apply before March 1, 2008

P1-No. 2	300 MMBtu/hr Boiler w/natural gas fuel	NO <sub>x</sub>	82.4	63.9
		CO	29.4	22.8
		VOC	1.62	1.30
		SO <sub>2</sub>	0.06	0.012
		PM/PM <sub>10</sub>	2.24	1.70

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## AIR CONTAMINANTS DATA

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

The following rates apply after March 1, 2008

P1-No. 2	300 MMBtu/hr Boiler w/natural gas fuel	NO <sub>x</sub>	18.2	14.1
		CO	29.4	22.8
		VOC	1.62	1.30
		SO <sub>2</sub> 0.06	0.012	
		PM/PM <sub>10</sub>	2.24	1.70

- (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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 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>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
 CO - carbon monoxide
- (4) Emission rate includes emissions from fuel oil firing on an hourly basis and on an annual basis for 720/year. Does not apply to P1-No. 2.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated June 30, 2005