

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1956

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
<b>Case I: Boilers Firing Natural Gas</b>				
No. 1	45.4 MMBtu/hr Boiler No. 1	PM	0.21	0.32
		SO <sub>2</sub>	0.025	0.04
		NO <sub>x</sub>	5.88	9.09
		CO	1.47	2.27
		VOC	0.12	0.18
No. 2	45.4 MMBtu/hr Boiler No. 2	PM	0.21	0.32
		SO <sub>2</sub>	0.025	0.04
		NO <sub>x</sub>	5.88	9.09
		CO	1.47	2.27
		VOC	0.12	0.18
No. 3	45.4 MMBtu/hr Boiler No. 3	PM	0.21	0.32
		SO <sub>2</sub>	0.025	0.04
		NO <sub>x</sub>	5.88	9.09
		CO	1.47	2.27
		VOC	0.12	0.18

\* Emission rates are based on and the facilities are limited by the following maximum gas usages:  
130,000,000 cubic feet per year (total) for any one boiler or any combination of any two boilers or any combination of all three boilers.

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant	Emission Rates *	
			Name (3)	lb/hr
	TPY			
<b>Case II:</b>	<b>Boilers Firing No. 2 Fuel Oil</b>			
No. 1	45.4 MMBtu/hr Boiler No. 1	PM	0.64	0.02
		SO <sub>2</sub>	22.34	0.63
		NO <sub>x</sub>	6.38	0.18
		CO	1.60	0.05
		VOC	0.064	0.01
No. 2	45.4 MMBtu/hr Boiler No. 2	PM	0.64	0.02
		SO <sub>2</sub>	22.34	0.63
		NO <sub>x</sub>	6.38	0.18
		CO	1.60	0.05
		VOC	0.064	0.01
No. 3	45.4 MMBtu/hr Boiler No. 3	PM	0.64	0.02
		SO <sub>2</sub>	22.34	0.63
		NO <sub>x</sub>	6.38	0.18
		CO	1.60	0.05
		VOC	0.064	0.01

\* Emission rates are based on and the facilities are limited by the following maximum No. 2 fuel oil usage: 18,000 gallons per year (total) for any one boiler or any combination of any two boilers or any combination of all three boilers.

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AIR CONTAMINANTS DATA

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

**Case III**                      **Worse-Case Total Annual Emissions: Boilers Firing 18,000 gal/yr (total)  
No. 2 fuel oil and firing 130,000,000 cubic feet per year (total) natural gas**

No. 1	45.4 MMBtu/hr Boilers	PM	0.34
No. 2		SO <sub>2</sub>	0.67
No. 3		NO <sub>x</sub>	9.27
		CO	2.32
		VOC	0.19

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) 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  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

\* 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 May 31, 2005