

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1190

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	Source	Air Contaminant		Emission Rates *	
Point No. (1)	Name (2)	Name (3)		lb/hr	TPY**
Case I: Gas-Firing					
S8a	Steam Boiler No. 1	NO <sub>x</sub>		10.37	45.5
		CO	8.81	38.6	
		PM	0.79	3.5	
		VOC	0.57	2.5	
		SO <sub>2</sub>	0.06	0.3	
		Methane		0.24	1.1
S8b	Steam Boiler No. 2	NO <sub>x</sub>		10.37	45.5
		CO	8.81	38.6	
		PM	0.79	3.5	
		VOC	0.57	2.5	
		SO <sub>2</sub>	0.06	0.3	
		Methane		0.24	1.1

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

\_\_\_\_\_Hrs/day \_\_\_Days/week \_\_\_Weeks/year or 8,760 Hrs/year

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
Case II: Oil-Firing				
S8a	Steam Boiler No. 1	NO <sub>x</sub>	15.00	10.8
		CO	3.50	2.6
		PM	1.57	1.2
		VOC	0.15	0.2
		SO <sub>2</sub>	21.58	15.6
S8b	Steam Boiler No. 2	NO <sub>x</sub>	15.00	10.8
		CO	3.50	2.6
		PM	1.57	1.2
		VOC	0.15	0.2
		SO <sub>2</sub>	21.58	15.6

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

\_\_\_\_\_Hrs/day \_\_\_\_\_Days/week \_\_\_\_\_Weeks/year or 1,440 Hrs/year

- (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) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
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.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
SO<sub>2</sub> - sulfur dioxide

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

Dated September 13, 2005