

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 9904 and PSD-TX-674M1

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: Natural Gas Firing					
1	8386 Horsepower Dual-fuel Generator Engine (4)		NO <sub>x</sub>	37.0	162.1
			CO	39.3	172.0
		VOC	12.9	57.0	
		PM	2.0	8.8	
		SO <sub>2</sub>	1.64	7.2	
2	8386 Horsepower Dual-fuel Generator Engine (4)		NO <sub>x</sub>	37.0	162.1
			CO	39.3	172.0
		VOC	12.9	57.0	
		PM	2.0	8.8	
		SO <sub>2</sub>	1.64	7.2	
3	52 MMBtu/hr Boiler		NO <sub>x</sub>	5.2	23.0
			CO	15.4	
		VOC	0.2	0.9	
		PM	0.5	2.3	
		SO <sub>2</sub>	0.04	0.2	
Case II: No. 2 Fuel Oil Firing					
1	8386 Horsepower Dual-fuel Generator Engine (4)		NO <sub>x</sub>	203.0	51.0
			CO	5.5	1.4
		VOC	7.4	1.9	
		PM	7.5	1.9	
		SO <sub>2</sub>	29.3	7.4	
2	8386 Horsepower Dual-fuel Generator Engine (4)		NO <sub>x</sub>	203.0	51.0
			CO	5.5	1.4

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
		VOC 7.4	1.9	
		PM 7.5	1.9	
		SO <sub>2</sub> 29.3	7.4	
3	52 MMBtu/hr Boiler	NO <sub>x</sub>	6.4	1.6
		CO 3.0	0.8	
		VOC 0.3	0.1	
		PM 0.7	0.2	
		SO <sub>2</sub> 25.4	6.4	

- (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 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 in emitted.  
 CO - carbon monoxide

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

Case I:

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

Case II:

504 Hrs/year

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

Dated June 6, 2001