

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permits No. 9904 and PSD-TX-674M-1

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)	Name (3)	Air Contaminant lb/hr	TPY	Emission Rates *	
Case I: Natural Gas Firing						
1	8386 Horsepower Dual-fuel Generator Engine (4)		VOC		12.90	57.0
			NOx		37.00	162.1
			SO2		1.64	7.2
			PM		2.00	8.8
			CO		39.30	172.0
2	8386 Horsepower Dual-fuel Generator Engine (4)		VOC		12.90	57.0
			NOx		37.00	162.1
			SO2		1.64	7.2
			PM		2.00	8.8
			CO		39.30	172.0
3	52 MMBtu/hr Boiler		VOC		0.20	0.9
			NOx		5.20	23.0
			SO2		0.04	0.2
			PM		0.50	2.3
			CO		3.50	15.4
Case II: Oil Firing						
1	8386 Horsepower Dual - Fuel Generator Engine		VOC		7.40	1.9
			NOx		203.00	51.0
			SO2		29.30	7.4
			PM		7.50	1.9
			CO		5.50	1.4
2	8386 Horsepower Dual - Fuel Generator Engine		VOC		7.40	1.9
			NOx		203.00	51.0
			SO2		29.30	7.4
			PM		7.50	1.9
			CO		5.50	1.4
3	52 MMBtu/hr Boiler (5)		VOC		0.30	<0.1

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NOx	6.40	1.6
SO2	25.40	6.4
PM	0.70	0.2
CO	3.0	0.8

- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
- (4) 95 percent of heat input from natural gas and 5 percent from diesel oil.
- (5) 50.46 MMBtu/hr heat input maximum firing fuel oil.

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

Case I:

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

Case II:

Hrs/day Days/week Weeks/year or Hrs/year 504

Revised