

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3706

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 (8,760 Hours)

BOILER 03	Boiler No. 3 (493 MMBTU/hr)	NO <sub>x</sub>	98.6	432.0
		CO	18.0	78.8
		SO <sub>2</sub>	6.43	28.2
		PM	2.25	9.86
		VOC	0.635	2.78

### CASE II: No. 2 Fuel Oil Firing (672 Hours), Natural Gas Firing (8,088 Hours)

BOILER 03	Boiler No. 3 (467 MMBTU/hr)	NO <sub>x</sub>	140.0	446.0
		CO	18.0	78.7
		SO <sub>2</sub>	149.0	76.2
		PM	26.8	18.1
		VOC	2.68	3.47

- (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 General Rule 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter
  - CO - carbon monoxide

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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>

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

Natural Gas Firing: 8,760 hours per year and 493 MMBTU/hr.  
No. 2 Fuel Oil Firing: 672 hours per year and 467 MMBTU/hr.

Dated\_\_\_\_\_