

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

1736

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)	lb/hr	Emission Rates * TPY
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### CASE I - 85 Percent Natural Gas with 15 Percent Off-Gas @ 52.8 MMBTU/Hr

EP-27	Boiler No. 31	VOC	0.15	0.65
		NOx	7.39	32.38
		SO2	0.03	0.14
		PM	0.26	1.16
		CO	1.85	8.09

### CASE II - 30 Days of No. 2 Fuel Oil and 335 Days of Natural Gas With 15 Percent Off-Gas @ 42 MMBTU/Hr

EP-27	Boiler No. 31 - No. 2 Fuel Oil	VOC	0.06	0.02
		NOx	6.00	2.16
		SO2	21.30	7.67
		PM	0.60	0.22
		CO	1.50	0.54
		SO3	0.30	0.11
EP-27	Boiler No. 31 - Natural Gas with 15 Percent Off-Gas	VOC	0.11	0.47
		NOx	5.88	23.64
		SO2	0.03	0.10
		PM	0.21	0.84
		CO	1.475	5.91

- (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  
SO3 - sulfur trioxide  
CO - carbon monoxide

1736  
Page 2

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- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

CASE I - 8,760 Hrs/year

CASE II - 720 Hrs/year of No. 2 Fuel Oil and 8,040 Hrs/year of Natural Gas with 15 percent Off-Gas.

Revised\_\_\_\_\_