

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

21924

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	<u>Emission Rates *</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
CASE I: Natural Gas Firing				
7-EC	Boiler (48 MMBtu/hour)	NOx	6.57	28.7
		CO	16.3	71.4
		VOC	.27	1.20
		SO2	.028	.12
		PM	.14	.63
7-CB	Boiler (36 MMBtu/hour)	NOx	3.61	15.8
		CO	5.41	23.7
		VOC	.58	2.54
		SO2	.022	.096
		PM	.036	.158

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

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

CASE II: No. 2 Fuel Oil Firing (720 Hours)

7-CB	Boiler (36 MMBtu/hour)	NOx	5.25	1.89
		CO	1.36	.49
		VOC	0.87	.31
		SO2	18.02	6.49
		PM	.35	.13

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 720

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr TPY
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CASE III: MAXIMUM ALLOWABLE ANNUAL EMISSION RATES - No. 2 Fuel Oil Firing (720 Hours) and Natural Gas Firing (8,040 Hours)

7-CB	Boiler	NOx	16.4
	(36 MMBtu/hour)	CO	22.2
		VOC	2.64
		SO2	6.58
		PM	<u>.27</u>
		Maximum Annual	48.1

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