

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

2815

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)	Source Name (3)	Air Contaminant lb/hr	Air Contaminant TPY	Emission Rates *
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Case 1: Firing natural gas or industrial liquified petroleum gas 8,640 hours per year in EPN 3:

3	Boiler No.1 (4) (85.6 MMBtu/hr)	VOC	0.30	1.30
		NOx	12.90	56.50
		SO2	1.30	5.70
		PM	0.50	2.20
		CO	3.00	13.31

Case 2: Firing natural gas only 8,400 hours per year in EPN 3:

3	Boiler No.1 (85.6 MMBtu/hr)	VOC	0.24	1.00
		NOx	12.84	54.00
		SO2	1.23	5.20
		PM	0.43	1.80
		CO	3.00	12.16

Case 3: Firing liquid petroleum gas only 336 hours per year in EPN 3:

3	Boiler No.1 (85.6 MMBtu/hr)	VOC	0.24	0.04
		NOx	11.73	1.97
		SO2	0.13	0.02
		PM	0.42	0.07
		CO	2.93	0.49

Case 1: Firing natural gas or industrial liquified petroleum gas 8,640 hours per year in EPN 3:

3	Boiler No.2 (4) (85.6 MMBtu/hr)	VOC	0.30	1.30
		NOx	12.90	56.50
		SO2	1.30	5.70
		PM	0.50	2.20
		CO	3.00	13.31

Case 2: Firing natural gas only 8,400 hours per year in EPN 3:

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
3	Boiler No.2 (85.6 MMBtu/hr)	VOC	0.24	1.00
		NOx	12.84	54.00
		SO2	1.23	5.20
		PM	0.43	1.80
		CO	3.00	12.16

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY

Case 3: Firing liquid petroleum gas only 336 hours per year in EPN 3:

3	Boiler No.2 (85.6 MMBtu/hr)	VOC	0.24	0.04
		NOx	11.73	1.97
		SO2	0.13	0.02
		PM	0.42	0.07
		CO	2.93	0.49

- (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) Only Boiler No. 1 or Boiler No. 2 shall be operated at a time, unless during the switchover from one boiler to the other when both may be operated for the switchover. Total heat input into Boiler Nos. 1 and 2 shall not exceed a total of 739,584 MMBtu per year.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule except as limited in hours of operation in Cases 2 and 3 while firing natural gas and liquid petroleum gas, respectively, as specified for each case.

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,640

Revised_____