

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

2958A

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	TPY	Emission Rates *
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Case I. Firing a blend of fuel gas (50% - 100%) and residual waste (50 % - 0%) for up to 12 months.

EO2B004**	Boiler No. 4	PM	4.46	19.53
	VOC	0.93	4.07	
	NOx	177.70	778.33	
	SO2	0.20	0.88	
	CO	13.75	60.23	
EO2B005**	Boiler No. 5	PM	4.46	19.53
	VOC	0.93	4.07	
	NOx	177.70	778.33	
	SO2	0.20	0.88	
	CO	13.75	60.23	

Case II. Firing 100% fuel oil with 0.3 weight percent sulfur for one month.

EO2B004**	Boiler No. 4	PM	9.62	3.51
	VOC	1.22	0.45	
	NOx	107.41	39.20	
	SO2	75.50	27.56	
	CO	8.02	2.93	
EO2B005**	Boiler No. 5	PM	9.62	3.51
	VOC	1.22	0.45	
	NOx	107.41	39.20	
	SO2	75.50	27.56	
	CO	8.02	2.93	
EO2B006**	Boiler No. 6	PM	9.60	3.50
	VOC	1.20	0.40	
	NOx	107.40	39.20	
	SO2	75.50	27.60	

CO	8.00	2.90
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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	TPY	Emission Rates *
EO2B007**	Boiler No. 7	PM	9.60	3.50	
	VOC	1.20	0.40		
	NOx	107.40	39.20		
	SO2	75.50	27.60		
	CO	8.00	2.90		

Case III. Firing 100% fuel gas up to 12 months.

EO2B006**	Boiler No. 6	PM	1.60	7.01
	VOC	0.50	2.19	
	NOx	177.70	778.33	
	SO2	0.20	0.88	
	CO	12.90	56.50	
EO2B007**	Boiler No. 7	PM	1.60	7.01
	VOC	0.50	2.19	
	NOx	177.70	778.33	
	SO2	0.20	0.88	
	CO	12.90	56.50	

- (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

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

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

** The emission rates are based on the boilers' maximum design heat input capacity of 210 MMBtu/hr and firing with the fuels or fuel combinations listed in the MAERT.