

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20983

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)	Emission Rates *	
			lb/hr	TPY
BOILERS FIRING NATURAL GAS				
1	Boiler No. 1 Erie City Keystone 34.4 MMBtu/hr	NO _x	3.8	2.7
		CO	2.8	2.0
		PM/PM ₁₀	0.2	0.12
		VOC	0.2	0.12
2	Boiler No. 2 Erie City Keystone 84 MMBtu/hr	NO _x	16.8	6.5
		CO	6.9	2.6
		PM/PM ₁₀	0.4	0.16
		VOC	0.4	0.16

* Emission rates are based on and the boilers are limited to:

Boiler No. 1 - 4,771 hrs/yr or 49,570 MMBtu/yr Firing Natural Gas

Boiler No. 2 - 3,259 hrs/yr or 64,490 MMBtu/yr Firing Natural Gas

BOILERS FIRING No. 2 FUEL OIL

1	Boiler No. 1 Erie City Keystone 34.4 MMBtu/hr	NO _x	4.5	0.25
		CO	2.8	0.20
		SO ₂	6.9	0.40
		PM/PM ₁₀	3.4	0.20
	VOC	0.2	<0.1	

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CONTAMINANTS DATA			AIR	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
2	Boiler No. 2 Erie City Keystone 84 MMBTU\HR	NO _x	18.5	0.80
		CO	6.9	0.30
		SO ₂	16.8	0.72
		PM/PM ₁₀	8.4	0.40
		VOC	0.4	<0.1

* Emission rates are based on and the boilers are limited to:

Boiler No. 1 - 365 Hrs/yr or 3,292 MMBtu/yr Firing No. 2 Fuel Oil

Boiler No. 2 - 365 Hrs/yr or 7,223 MMBtu/yr Firing No. 2 Fuel Oil

ENGINE FIRING DUAL FUEL - NATURAL GAS AND 6 PERCENT DIESEL

3	Engine No. 1 Enterprise DGSR-48 4,867 HP	NO _x	59.0	77.0
		CO	26.8	35.0
		SO ₂	0.4	0.6
		PM/PM ₁₀	0.4	0.6
		VOC 10.7	14.0	

ENGINE FIRING No. 2 DIESEL

3	Engine No. 1 Enterprise DGSR-48 4,867 HP	NO _x	128.8	11.0
		CO	21.5	2.0
		SO ₂	10.7	1.0
		PM/PM ₁₀	2.1	0.2
		VOC 0.9	<0.1	

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Dated _____