

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3847

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

NATURAL GAS FIRING (8,760 HRS)

B-4	Boiler B-4 (47MMBtu/hr) Keller DS-35	NO _x	4.74	17.24
		CO	3.98	14.49
		SO ₂	0.03	0.10
		VOC	0.26	0.95
		PM/PM ₁₀	0.36	1.31

Emission rates are based on and the facilities are limited by the following maximum operating schedule while firing natural gas:

Hrs/day ____ Days/week ____ weeks/year ____ or Hrs/year 8,760

No. 2 FUEL OIL FIRING (360 HRS)

B-4	Boiler B-4 (47MMBtu/hr) Keller DS-35	NO _x	6.78
		CO	1.70
		SO ₂	14.44
		VOC	0.07
		PM/PM ₁₀	0.68

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

Emission rates are based on and the facilities are limited by the following maximum operating schedule while firing No. 2 fuel oil:

Hrs/day _____ Days/week _____ weeks/year _____ or Hrs/year 360

MAXIMUM ALLOWABLE ANNUAL EMISSION RATE - NO. 2 FUEL OIL (360 HRS) AND NATURAL GAS (8,400 HRS)

B-4	Boiler B-4 (47MMBtu/hr) Keller DS-35	NO _x	21.13**
		CO	
		17.03	
		SO ₂	2.72
		VOC	1.11
		PM/PM ₁₀	1.64

- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

* 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

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

** Maximum NO_x allowable annual rate (based on AP-42):

Natural gas (8,400 hrs) + No. 2 fuel oil (360 hrs) = 19.91 + 1.22 = 21.13 tpy

Dated March 30, 2006