

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56653

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**

### SHORT TERM LIMITS WHEN FIRING NATURAL GAS

BOILER1 Current Limits Until Installation of Low NO <sub>x</sub> Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO <sub>x</sub>	26.04
		CO	10.22
		VOC	0.67
		SO <sub>2</sub>	0.07
		PM <sub>10</sub>	0.99
BOILER1 New Limits After Installation of Low NO <sub>x</sub> Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO <sub>x</sub>	4.46
		CO	4.59
		VOC	0.25
		SO <sub>2</sub>	0.07
		PM <sub>10</sub>	0.99
BOILER2 With Low NO <sub>x</sub> Burners	Central Plant Boiler No. 2 124 MMBtu/hr	NO <sub>x</sub>	2.48
		CO	2.23
		VOC	0.15
		SO <sub>2</sub>	0.07
		PM <sub>10</sub>	0.99

### SHORT TERM LIMITS WHEN FIRING FUEL OIL

BOILER1 Current Limits Until Installation of Low NO <sub>x</sub> Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO <sub>x</sub>	21.26
		CO	4.43
		VOC	0.30
		SO <sub>2</sub>	41.73
		PM <sub>10</sub>	2.92
BOILER1 New Limits After Installation of Low NO <sub>x</sub> Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO <sub>x</sub>	16.12
		CO	15.00
		VOC	0.93
		SO <sub>2</sub>	41.73
		PM <sub>10</sub>	2.92

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
BOILER2	Central Plant Boiler No. 2	NO <sub>x</sub>	12.40	
With Low NO <sub>x</sub>	124 MMBtu/hr	CO	15.00	
Burners		VOC	0.62	
		SO <sub>2</sub>	41.73	
		PM <sub>10</sub>	2.92	

### ANNUAL LIMITS FIRING NATURAL GAS + 200,000 GALLONS OF FUEL OIL

BOILER1 and BOILER2	Central Plant Boiler No. 1	NO <sub>x</sub>	65.66
Current Limits	and Central Plant Boiler No. 2	CO	28.93
Until Installation of	Combined Annual Limits	VOC	1.89
Low NO <sub>x</sub> Burners		SO <sub>2</sub>	5.06
on BOILER1		PM <sub>10</sub>	4.78
BOILER1 and BOILER2	Central Plant Boiler No. 1	NO <sub>x</sub>	17.13
New Limits	and Central Plant Boiler No. 2	CO	16.95
After Installation of	Combined Annual Limits	VOC	0.97
Low NO <sub>x</sub> Burners		SO <sub>2</sub>	5.06
on BOILER1		PM <sub>10</sub>	4.78

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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

\_\_\_\_\_Hrs/day \_\_\_Days/week \_\_\_Weeks/year or 8,760 Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

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AIR CONTAMINANTS DATA

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

Dated\_\_\_\_\_