

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 _x Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO _x	26.04	---
		CO	10.22	---
		VOC	0.67	---
		SO ₂	0.07	---
		PM ₁₀	0.99	---
BOILER1 New Limits After Installation of Low-NO _x Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO _x	4.46	---
		CO	4.59	---
		VOC	0.25	---
		SO ₂	0.07	---
		PM ₁₀	0.99	---
BOILER2 With Low-NO _x Burners	Central Plant Boiler No. 2 124 MMBtu/hr	NO _x	2.48	---
		CO	2.23	---
		VOC	0.15	---
		SO ₂	0.07	---
		PM ₁₀	0.99	---
BOILER 9 With Low-NO _x Burners	West Chill Plant Boiler 140 MMBtu/hr	NO _x	1.40	---
		NO _x (4)	4.20	---
		CO	4.90	---
		CO (4)	14.70	---
		VOC	0.75	---
		SO ₂	0.08	---
		PM ₁₀	1.04	---

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

SHORT TERM LIMITS WHEN FIRING FUEL OIL

BOILER1 Current Limits Until Installation of Low-NO _x Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO _x	21.26	---
		CO	4.43	---
		VOC	0.30	---
		SO ₂	41.73	---
		PM ₁₀	2.92	---

BOILER1 New Limits After Installation of Low-NO _x Burners	Central Plant Boiler No. 1 124 MMBtu/hr	NO _x	16.12	---
		CO	15.00	---
		VOC	0.93	---
		SO ₂	41.73	---
		PM ₁₀	2.92	---

BOILER2 With Low-NO _x Burners	Central Plant Boiler No. 2 124 MMBtu/hr	NO _x	12.40	---
		CO	15.00	---
		VOC	0.62	---
		SO ₂	41.73	---
		PM ₁₀	2.92	---

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

BOILER1 and BOILER2 Current Limits Until Installation of Low-NO _x Burners on BOILER1	Central Plant Boiler No. 1 and Central Plant Boiler No. 2 Combined Annual Limits	NO _x	---	65.66
		CO	---	28.93
		VOC	---	1.89
		SO ₂	---	5.06
		PM ₁₀	---	4.78

BOILER1 and BOILER2 New Limits After Installation of Low-NO _x Burners on BOILER1	Central Plant Boiler No. 1 and Central Plant Boiler No. 2 Combined Annual Limits	NO _x	---	17.13
		CO	---	16.95
		VOC	---	0.97
		SO ₂	---	5.06
		PM ₁₀	---	4.78

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AIR CONTAMINANTS DATA

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

ANNUAL LIMITS FIRING NATRUAL GAS

BOILER9 With Low-NO _x Burners	West Chill Plant Boiler 140 MMBtu/hr	NO _x	---	6.13
		CO	---	21.45
		VOC	---	3.31
		SO ₂	---	0.36
		PM ₁₀	---	4.57

- (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_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
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 particulate matter greater than 10 microns is emitted.
- (4) During periods of start-up, shutdown, and maintenance (30 percent or less of firing capacity).

* 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.

Dated December 6, 2005