

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Flexible Permit Number 48056

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)	<u>Emission Rates</u>	
			lb/hr	TPY*

Initial Emission Cap (5)

BOILER1, BOILER2 BOILER3, and BOILER4	Boilers 1 through 4 (Natural Gas Fired)	CO	12.4	21.0
		NO _x	41.2	70.0
		PM ₁₀	1.1	1.9
		SO ₂	0.1	0.15
		VOC	0.8	1.38
BOILER1, BOILER3, and BOILER4	Boilers 1, 3, and 4 (Fuel Oil Fired)	CO	5.4	3.5
		NO _x	25.7	14.2
		PM	3.5	2.1
		PM ₁₀	1.1	0.7
		SO ₂	50.4	32.0
		VOC	0.2	0.1

Interim Emission Cap (5)

BOILER1, BOILER2, BOILER3, and BOILER4	Boilers 1 through 4 (Natural Gas Fired)	CO	12.4	21.0
		NO _x	41.2	70.0
		PM ₁₀	1.1	1.9
		SO ₂	0.1	0.15
		VOC	0.8	1.38
BOILER1, BOILER3, and BOILER4	Boilers 1, 3, and 4 (Fuel Oil Fired)	CO	5.4	3.5
		NO _x	19.3	8.5
		PM	3.5	2.1
		PM ₁₀	1.1	0.7
		SO ₂	50.4	32.0

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VOC 0.2 0.1

Final Emission Cap (5)

BOILER1, BOILER2, BOILER3, and BOILER4	Boilers 1 through 4 (Natural Gas Fired)	CO	11.2	15.6
		NO _x	29.9	15.10
		PM ₁₀	1.1	1.9
		SO ₂	0.1	0.15
		VOC	0.8	1.38
BOILER1, BOILER3, and BOILER4	Boilers 1, 3, and 4 (Fuel Oil Fired)	CO	5.4	3.5
		NO _x	5.4	3.5
		PM	3.5	2.1
		PM ₁₀	1.1	0.7
		SO ₂	50.4	32.0
		VOC	0.2	0.1

- (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
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,

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it shall be assumed that no PM greater than 10 microns is emitted.

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The initial emission cap becomes effective upon issuance of this permit. The interim emissions cap becomes effective on July 31, 2004. The final emissions cap becomes effective on October 31, 2005. **(9/05)**

- * 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. Allowances are made for elevated rolling 12-month averages which span the initial, interim, and final implementation dates.

Dated September 13, 2005