

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3663

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**
Boiler No. 4	Plant Boiler No. 4 (85 MMBtu/hr) (Includes Planned Startup and Shutdown Emissions) (4)	CO	2.55	11.15
		NO <sub>x</sub>	10.10	44.23
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.61	2.68
		VOC	0.44	1.94
		SO <sub>2</sub>	0.05	0.22
Boiler No. 5	Plant Boiler No. 5 (150 MMBtu/hr) (Includes Planned Startup and Shutdown Emissions) (4) (5)	CO	12.04	52.73
		NO <sub>x</sub>	3.25	14.24
		PM <sub>10</sub> /PM <sub>2.5</sub>	1.12	4.91
		VOC	0.88	3.84
		SO <sub>2</sub>	0.09	0.39
Boiler No. 6	Plant Boiler No. 6 (99.9 MMBtu/hr) (Includes Planned Startup and Shutdown Emissions) (4)	CO	1.20	5.25
		NO <sub>x</sub>	10.89	47.69
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.74	3.26
		VOC	0.54	2.36
		SO <sub>2</sub>	0.06	0.26
MSS-BOILRS	Planned Maintenance Emissions (6)	VOC	0.02	0.01

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

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NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

- (4) Planned maintenance, startup, and shutdown emissions, as defined in the special conditions, are included in the routine and long-term emissions.
- (5) Limited by Standard Permit No. 71568, which is incorporated by reference.
- (6) The emission point is the fuel regulator piping on the boilers.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated November 17, 2010