

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9322 and PSD-TX-621

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
29	Cogeneration Stack** (Turbine 8 and Boiler 8)	NO <sub>x</sub>	184.96	654.81
		CO	50.50	160.87
		VOC	4.38	13.63
		SO <sub>2</sub>	0.10	0.27
		PM	5.34	17.15
30	Fugitive Emissions (4)	VOC	0.70	3.10

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Turbine 8: 3,940 MMscf/yr

Boiler 8: 763 MMscf/yr

\*\* Emissions resulting from natural gas firing only.

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Note: emission rates are based on maximum design turbine rating of 38.7 megawatts.

Dated: March 19,

2008