

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4659

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	
<u>TPY**</u>				
10	Gas Turbine 22MW (gas-fired)	NO <sub>x</sub>	211.0	64.4
		CO	31.6	11.4
		VOC	6.9	2.5
		PM	12.0	4.4
		SO <sub>2</sub>	4.2	1.6
10	Gas Turbine 22MW (oil-fired) (5)	NO <sub>x</sub>	308.0	37.0
		CO	13.6	1.8
		VOC	4.8	0.7
		PM	17.3	2.3
		SO <sub>2</sub>	85.9	12.0

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter  
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  
CO - carbon monoxide
- (4) Hourly emissions are based on peak reserve load ratings while annual emissions are based on base load ratings.
- (5) "Oil-fired" annual emissions are based on 300 hours per year of usage.

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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	TPY	<u>Emission Rates *</u>
Hrs/day <u>10</u> Days/week <u>5</u> Weeks/year <u>16</u> or Hrs/year <u>800</u>					

Dated February 16, 2006