

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit 21592

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**

#### Natural Gas Firing Emission Limits per Turbine

THWGT-31	Combined Cycle	NO <sub>x</sub>	83.9	330.4
THWGT-32	Gas Turbines (eight)	CO	51.1	201.1
THWGT-33		SO <sub>2</sub>	12.8	50.4
THWGT-34		VOC	1.8	7.2
THWGT-41		PM/PM <sub>10</sub>	6.0	26.3
THWGT-42				
THWGT-43				
THWGT-44				

- (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) 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>  
 PM<sub>10</sub> - 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.  
 CO - carbon monoxide

\* Short-term pound-per-hour and long-term ton-per-year emission rates are derived from two distinct worse-case scenarios outlined in the permit application. Therefore, they are not directly proportional. Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

Dated July 28, 2003