

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 9292A and PSD-TX-650M2

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

### Allowable Emissions prior to installation of NO<sub>x</sub> Controls

GT-102	Gas Turbine	VOC	0.7	3.1
		NO <sub>x</sub>	485.0	2124.3
		SO <sub>2</sub>	4.4	19.3
		PM	2.0	8.8
		CO	68.9	301.8
GT-103	Gas Turbine	VOC	0.7	3.1
		NO <sub>x</sub>	485.0	2124.3
		SO <sub>2</sub>	4.4	19.3
		PM	2.0	8.8
		CO	68.9	301.8
GT-104	Gas Turbine	VOC	0.7	3.1
		NO <sub>x</sub>	485.0	2124.3
		SO <sub>2</sub>	4.4	19.3
		PM	2.0	8.8
		CO	68.9	301.8

### Allowable Emissions after installation of NO<sub>x</sub> Controls (Not later than November 30, 1999)

GT-102	Gas Turbine	VOC	6.0	26.28
		NO <sub>x</sub>	126.1	519.20
		SO <sub>2</sub>	1.0	4.38
		PM <sub>10</sub>	5.3	23.22
		CO	256.9	365.30

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

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AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
GT-103	Gas Turbine	VOC	6.0	26.28
		NO <sub>x</sub>	126.1	519.20
		SO <sub>2</sub>	1.0	4.38
		PM <sub>10</sub>	5.3	23.22
		CO	256.9	365.30
GT-104	Gas Turbine	VOC	6.0	26.28
		NO <sub>x</sub>	126.1	519.20
		SO <sub>2</sub>	1.0	4.38
		PM <sub>10</sub>	5.3	23.22
		CO	256.9	365.30

- (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 General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
CO - carbon monoxide

\* 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 \_\_\_\_\_

Dated \_\_\_\_\_