

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9659

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**
PB-CTS1	94 MWe GE MS7001EA Gas Turbine (Natural Gas-Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	15.2	57.0
		PM	20.6	77.3
		CO	22.0	82.5
	94 MWe GE MS7001EA Gas Turbine (Fuel Oil Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	520.0	1950.0
		PM	51.8	194.3
		CO	22.0	82.5
PB-CTS2	94 MWe GE MS7001EA Gas Turbine (Natural Gas-Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	15.2	57.0
		PM	20.6	77.3
		CO	22.0	82.5
	94 MWe GE MS7001EA Gas Turbine (Fuel Oil Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	520.0	1950.0
		PM	51.8	194.3
		CO	22.0	82.5
PB-CTS5	94 MWe GE MS7001EA Gas Turbine (Natural Gas-Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	15.2	57.0
		PM	20.6	77.3
		CO	22.0	82.5

Project Number: 113370

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
PB-CTS3	94 MWe GE MS7001EA Gas Turbine (Natural Gas-Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	15.2	57.0
		PM	20.6	77.3
		CO	22.0	82.5
	94 MWe GE MS7001EA Gas Turbine (Fuel Oil Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	520.0	1950.0
		PM	51.8	194.3
		CO	22.0	82.5
PB-CTS4	94 MWe GE MS7001EA Gas Turbine (Natural Gas-Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	15.2	57.0
		PM	20.6	77.3
		CO	22.0	82.5
	94 MWe GE MS7001EA Gas Turbine (Fuel Oil Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	520.0	1950.0
		PM	51.8	194.3
		CO	22.0	82.5
94 MWe GE MS7001EA	Gas Turbine (Fuel Oil Fired)	VOC	8.7	32.6
		NO <sub>x</sub>	376.0	1410.0
		SO <sub>2</sub>	520.0	1950.0
		PM	51.8	194.3
		CO	22.0	82.5
PB-EDGS	2,113 Horsepower Emergency Diesel Generator	VOC	1.50	0.04
		NO <sub>x</sub>	50.71	1.32
		SO <sub>2</sub>	8.55	0.22
		PM	5.30	0.10
		CO	13.70	0.40

EMISSION SOURCES - MAXIMUM ALLOWABLE RATES TABLE

- (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
- 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 (PM) 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

\* Emission rates for combustion turbines are limited by the following maximum operating schedule:

Hrs/day \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year \_\_\_\_\_ or Hrs/year 8,760

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

Dated \_\_\_\_\_