

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 48070 and PSD-TX-1011

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**
CT7	Turbine 7 Natural Gas SCR and CO catalyst	NO <sub>x</sub>	6.7	29.40
		CO	12.2	53.40
		PM <sub>10</sub>	3.0	13.10
		VOC	1.3	5.50
		SO <sub>2</sub>	2.2	5.60
		NH <sub>3</sub>	4.5	19.70
CT7	Turbine 7 Fuel Oil	NO <sub>x</sub>	72.0	25.90
		CO	6.0	2.16
		PM <sub>10</sub>	5.0	1.80
		VOC	1.0	0.40
		SO <sub>2</sub>	21.0	7.56
CT8	Turbine 8 Natural Gas SCR and CO catalyst	NO <sub>x</sub>	6.7	29.40
		CO	12.2	53.40
		PM <sub>10</sub>	3.0	13.10
		VOC	1.3	5.50
		SO <sub>2</sub>	2.2	5.60
		NH <sub>3</sub>	4.5	19.70
CT8	Turbine 8 Fuel Oil	NO <sub>x</sub>	72.0	25.90
		CO	6.0	2.16
		PM <sub>10</sub>	5.0	1.80
		VOC	1.0	0.40
		SO <sub>2</sub>	21.0	7.56

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
CT9	Turbine 9 Natural Gas SCR and CO catalyst	NO <sub>x</sub>	6.7	29.40
		CO	12.2	53.40
		PM <sub>10</sub>	3.0	13.10
		VOC	1.3	5.50
		SO <sub>2</sub>	2.2	5.60
		NH <sub>3</sub>	4.5	19.70
CT9	Turbine 9 Fuel Oil	NO <sub>x</sub>	72.0	25.90
		CO	6.0	2.16
		PM <sub>10</sub>	5.0	1.80
		VOC	1.0	0.40
		SO <sub>2</sub>	21.0	7.56
COOLTWR	Cooling Tower	PM <sub>10</sub>	0.84	3.68

(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<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

NH<sub>3</sub> - ammonia

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

\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8,760 Hrs/year for Natural Gas 720 Hrs/year for Fuel Oil.

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

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AIR CONTAMINANTS DATA

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

Dated \_\_\_\_\_

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AIR CONTAMINANTS DATA

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

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.