

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 40418

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
01	HRSG Stack (4)	NO <sub>x</sub>	24.39	107.64
	(Natural gas fired in Combustion	CO		7.34
	32.27			
	Turbine Generator [CTG] and	VOC		4.20
	18.42			
	Duct Burner [DB])	PM <sub>10</sub>	2.58	11.39
		SO <sub>2</sub>	0.06	3.25
01	HRSG Stack (5)	NO <sub>x</sub>	32.78	
	(No. 2 fuel oil fired in CGT	CO		8.64
	and natural gas fired in DB)	VOC		4.40
		PM <sub>10</sub>	3.50	
		SO <sub>2</sub>	31.14	
01	HRSG Stack	NO <sub>x</sub>	7.5	
	(Natural gas fired in DB	CO	5.0	
	in fresh air mode)	VOC	3.0	
		PM <sub>10</sub>	0.5	
		SO <sub>2</sub>	0.03	

(1) Emission point identification.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO<sub>x</sub> - total oxides of nitrogenSO<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

(4) The lb/hr emission rates are for natural gas firing only. The TPY emission rate for EPN 01 includes 192 hours of No. 2 fuel oil

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

firing per year.

(5) No. 2 fuel oil is authorized for firing in the CGT only and is limited to 192 hours per year.

\* 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

Dated\_\_\_\_\_