

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21593

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
BO-101	Turbine Group 1 with HRSG 1 and 2	VOC	6.3	7.4
		NO <sub>x</sub>	32.9	129.6
		SO <sub>2</sub>	0.7	3.2
		PM	1.0	4.3
		CO	70.4	128.5
BO-102	Turbine Group 2 with HRSG 3	VOC	3.2	3.7
		NO <sub>x</sub>	15.3	59.6
		SO <sub>2</sub>	0.4	1.6
		PM	0.5	2.2
		CO	28.0	32.7
BO-103	Auxillary Boiler	VOC	1.3	5.8
		NO <sub>x</sub>	11.0	48.2
		SO <sub>2</sub>	0.7	3.0
		PM	1.8	8.0
		CO	24.2	106.0
EP-103	Cooling Towers	VOC	2.1	9.2
		Cl	0.16	0.69
EP-101	Incinerator	VOC	0.05	0.21
		NO <sub>x</sub>	0.32	1.38
		SO <sub>2</sub>	17.33	75.91
		PM	0.02	0.11
		CO	0.27	1.16
		H <sub>2</sub> S	0.01	0.01
EPN Fugitives	Process Fugitives (4)	VOC	2.72	11.91

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
EPN ME-103	TEG Regeneration Vent	VOC	1.13	4.96
EPN EP-108	Incinerator Vent	VOC1	43.94	12.09
		Disulfide Oil	1.49	0.13
EPN SV-111	Spent Caustic Tank Vent	VOC	0.01	0.02
EPN ME-113	Flare	Only	Emergency	Use

(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) Cl - chlorine

H<sub>2</sub>S - hydrogen sulfide

PM - particulate matter

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

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

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

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

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