

# 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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
BO-101	Turbine Group 1 with HRSG 1 and 2			VOC	6.0	6.1
				NOx	33.1	129.7
				SO2	1.0	4.2
				PM	0.8	3.6
				CO	70.4	128.7
BO-102	Turbine Group 2 with HRSG 3			VOC	3.0	3.0
				NOx	15.6	59.7
				SO2	0.5	2.1
				PM	0.4	1.6
				CO	28.0	32.8
BO-103	Auxillary Boiler			VOC	0.3	1.3
				NOx	11.0	48.2
				SO2	0.7	2.7
				PM	1.1	4.8
				CO	24.3	106.5
EP-103	Cooling Tower			VOC	7.7	33.1
				Cl	0.16	0.69
EP-101	Incinerator			VOC	0.36	1.6
				NOx	0.44	1.9
				SO2	16.6	72.7
				PM	0.02	0.09
				CO	0.13	0.6
				H2S	0.09	0.39
	Process Fugitives (4)			VOC	5.66	24.8

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- (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 General Rule 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