

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2401

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**
S3	Unit No. 3 Boiler (4)	NO <sub>x</sub>	5,523	20,586
		SO <sub>2</sub>	9,468	41,469
		PM/PM <sub>10</sub>	800	3,504
		CO	9,098	39,849
		VOC	38	153
		Hg	0.86	0.76
S3S	No. 2 and 3 Start-Up Boilers (4) (5)	NO <sub>x</sub>	220	---
		SO <sub>2</sub> (6)	586	---
		SO <sub>2</sub> (7)	328	---
		PM/PM <sub>10</sub>	74	---
		CO	34	---
		VOC	2	---

- (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> and PM<sub>2.5</sub>
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- CO - carbon monoxide
- Hg - mercury

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- (4) Compliance with NO<sub>x</sub>, PM, PM<sub>10</sub>, SO<sub>2</sub>, VOC, and Hg hourly emissions is determined on a 3-hour average basis. Compliance with the CO hourly emission limit is determined on a 30-day average basis.
- (5) The combined total annual emissions from EPNs S3S and S3 shall not exceed the allowable annual emission rates for EPN S3.
- (6) Current SO<sub>2</sub> limits. These limits will cease to be effective if operation of Generating Unit 4 commences.
- (7) SO<sub>2</sub> limits after commencement of operation of Generating Unit 4.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated June 6, 2008