

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4980

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***			
S03	Unit 4 Main Boiler	NO <sub>x</sub>	3,983	13,994
		CO	7,744	33,918
		PM	569	2,492
		SO <sub>2</sub>	6,828	29,907
		VOC	434	190
		Lead	2	1
		HF	163	714
		H <sub>2</sub> SO <sub>4</sub>	53	231
S01	Unit 4 Start-Up Boiler East	NO <sub>x</sub>	38.4	168.2
		CO	80.0	35.0
		PM	3.2	14.0
		SO <sub>2</sub>	100.5	440.1
		VOC	3.2	1.4
		Lead	0.01	0.01
S01	Unit 4 Start-Up Boiler West	NO <sub>x</sub>	38.4	168.2
		CO	80.0	35.0
		PM	3.2	14.0
		SO <sub>2</sub>	100.5	440.1
		VOC	3.2	1.4
		Lead	0.01	0.01

(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.

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- (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  
CO - carbon monoxide  
HF - hydrogen fluoride  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid mist

- \* 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

- \*\* Compliance with NO<sub>x</sub>, PM, SO<sub>2</sub>, VOC, lead, HF, and H<sub>2</sub>SO<sub>4</sub> hourly emission limits is determined on a 3-hour average basis. Compliance with the CO hourly emission limit is determined on a 30-day average basis.

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

Dated February 21, 2005