

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 735B and PSD-TX-908

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
12-2-B20A	Boiler B-20A (213MMBtu/hr)	NO <sub>x</sub>	122.1	535.0
		SO <sub>2</sub>	0.01	0.04
		CO	40.7	175.0
		PM <sub>10</sub>	0.11	0.48
		VOC	0.30	1.31
12-2-B20C	Boiler B-20C (325MMBtu/hr)	NO <sub>x</sub> (4)	24.38	106.76
		SO <sub>2</sub>	0.23	1.02
		CO	36.4	159.2
		PM <sub>10</sub>	4.0	17.5
		VOC	0.46	2.0
12-3	Storage Tank D-1	VOC	12.40	3.44
15-2-1	Heat Recovery Steam Generator Stack (with Duct Burner Firing) 33.09	NO <sub>x</sub>	117.11	330.84
		CO	106.83	313.96
		VOC		15.98
		PM <sub>10</sub>	12.57	40.73
		SO <sub>2</sub>	0.83	3.04
15-2-1	Heat Recovery Steam Generator Stack (without Duct Burner Firing) 7.88	NO <sub>x</sub>	61.35	230.04
		CO	62.23	233.32
		VOC		2.04
		PM <sub>10</sub>	7.0	30.66
		SO <sub>2</sub>	0.56	2.43

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- (1) Emission point identification -  
either specific equipment designation  
or emission point number from plot  
plan.
- (2) Specific point source name.
- (3) NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
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.  
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Based on natural gas and up to 300,000 scf/hr hydrogen.

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

Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year\_\_\_\_\_or Hrs/year 8,760

Dated\_\_\_\_\_