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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
12-2-B20A	Boiler B-20A (213 MMBtu/hr)	NO_x	92.52	424.10
		SO_2	0.01	0.04
		CO	40.7	175.0
		PM_{10}	0.11	0.48
		VOC	0.30	1.31
12-2-B20C	Boiler B-20C (325 MMBtu/hr)	NO_x(4)	24.38	106.76
		SO_2	0.23	1.02
		CO	36.4	159.2
		PM_{10}	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)	NO_x	117.11	330.84
		CO	106.83	313.96
		VOC	15.98	33.09
		PM_{10}	12.57	40.73
		SO_2	0.83	3.04
15-2-1	Heat Recovery Steam Generator Stack (without Duct Burner Firing)	NO_x	61.35	230.04
		CO	62.23	233.32
		VOC	2.04	7.88
		PM_{10}	7.0	30.66
		SO_2	0.56	2.43

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

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(3) NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide - PSD regulated pollutant
PM_{10} - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed than no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 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_____