

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2165

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**
BH-2-3	Boiler No. 3 (400 MMBtu/hr)	NO <sub>x</sub> (5)	66.00	105.12
		NO <sub>x</sub> (5) (6)	64.00	104.00
		CO (5)	150.00	129.65
		VOC (5)	2.16	9.45
		PM <sub>10</sub> (5)	2.98	13.05
		SO <sub>2</sub> (5)	0.07	0.30
		NH <sub>3</sub>	0.28	0.01
		HCN	0.45	0.02
BH-2-4	Boiler No. 4 (623.6 MMBtu/hr)	NO <sub>x</sub> (5)	25.00	72.76
		CO (5)	110.00	224.94
		VOC (5)	3.36	14.73
		PM <sub>10</sub> (5)	4.65	20.35
		SO <sub>2</sub> (5)	0.11	0.47
		NH <sub>3</sub>	3.61	15.27
		HCN	0.72	0.22
BLR/FUG (4)	Boiler Fugitives	CO	0.08	0.37
		NH <sub>3</sub>	0.01	0.01
		HCN	0.01	0.01

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- (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)
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - 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
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - SO<sub>2</sub> - sulfur dioxide
  - NH<sub>3</sub> - ammonia
  - HCN - hydrogen cyanide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission rates (lb/hr and tpy) include normal operations, maintenance, start-up, and shutdown.
- (6) Emission Point No. BH-2-3 NO<sub>x</sub> emission rate, as authorized by Standard Permit Number 82086, is incorporated by reference only.

\* 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 December 18, 2008