

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1387

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
11 BLR-003	Stack No. 3 (5) Boiler No. 5	CO (6)	21.00	
		NO <sub>x</sub>	142.00	
		SO <sub>2</sub>	0.73	
		VOC	0.21	
		NH <sub>3</sub>	0.13	
		HCl	10.75	
		PM	4.57	
11 BLR-004	Stack No. 4 (5) Boiler Nos. 7 and 8	CO (6)	48.00	
		NO <sub>x</sub>	397.00	
		SO <sub>2</sub>	1.62	
		VOC	0.50	
		NH <sub>3</sub>	0.69	
		HCl	26.12	
		PM	19.05	
11 BLR-003 and 11 BLR-004	All Stacks Combined (5)	CO		71.00
		NO <sub>x</sub>		842.00
		SO <sub>2</sub>		1.00
		VOC		2.18
		NH <sub>3</sub>		3.02
		HCl		22.23
		PM		26.03
11FUG-015	Fugitives (4)	NH <sub>3</sub>	0.08	0.34
		VOC	0.36	1.59

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
CEMS-AN-STK3	CEMS Analyzer-Stack 3	NO <sub>x</sub>	0.06	0.27
		CO	0.01	0.04
		VOC	0.01	0.01
		SO <sub>2</sub>	0.01	0.01
		PM	0.01	0.01
		HCl	0.01	0.02
		NH <sub>3</sub>	0.01	0.01
CEMS-AN-STK4	CEMS Analyzer-Stack 4	NO <sub>x</sub>	0.10	0.45
		CO	0.01	0.04
		VOC	0.01	0.01
		SO <sub>2</sub>	0.01	0.01
		PM	0.01	0.01
		HCl	0.01	0.02
		NH <sub>3</sub>	0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1  
 NH<sub>3</sub> - anhydrous ammonia  
 HCl - hydrogen chloride  
 PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
  - (5) Annual emissions rate of the combined stacks - The annual allowable emissions for each of the stacks have been combined into one total annual emission rate. Each boiler (stack) may be operated at the maximum short-term limit listed in the table as long as the total annual emission rate for both stacks is not exceeded.
  - (6) Pound per hour emission rates are based on a 30-day rolling average.
- \* 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

Dated June 24, 2010 \_ \_