

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1532

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	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
100 percent Natural Gas Firing				
CB1	Unit 1	NO <sub>x</sub>	2,920	12,790
		SO <sub>2</sub>	112	2,947
		PM	40	644
		CO	5,600	10,512
		VOC	11	65
		NH <sub>3</sub> **	36	158
CB2	Unit 2	NO <sub>x</sub>	2,920	12,790
		SO <sub>2</sub>	112	2,947
		PM	40	644
		CO	5,600	10,512
		VOC	11	65
		NH <sub>3</sub> **	36	158
CBYFUG	CBY Ammonia Fugitives	NH <sub>3</sub> **	0.93	4.1

## Split Firing of Natural Gas and Fuel Oil

CB1	Unit 1	NO <sub>x</sub>	2,920	12,790
		SO <sub>2</sub>	3,524	2,947
		PM	691	644
		CO	5,600	10,512
		VOC	35	65
		NH <sub>3</sub> **	36	158
CB2	Unit 2	NO <sub>x</sub>	2,920	12,790
		SO <sub>2</sub>	3,524	2,947
		PM	691	644
		CO	5,600	10,512

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VOC	35	65
NH <sub>3</sub> **	36	158

- |        |                       |                    |      |     |
|--------|-----------------------|--------------------|------|-----|
| CBYFUG | CBY Ammonia Fugitives | NH <sub>3</sub> ** | 0.93 | 4.1 |
|--------|-----------------------|--------------------|------|-----|
- (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) 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 particulate matter greater than 10 microns is emitted.
- 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
- CO - carbon monoxide
- NH<sub>3</sub> - ammonia

Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year \_\_\_\_ or Hrs/year 8,760

\*\* Emission limits during SCR operation. These emission rates are for representational purposes only. The emission rates of NH<sub>3</sub> reflect emission rates authorized under Standard Permit Numbers 45998 and 46591. Ammonia emissions are on a 3-hour rolling average basis.

Dated December 23, 2004