

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20992

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** |
| 49-H-91                | C8 Splitter Reboiler | VOC                      | 0.83             | 3.62  |
|                        |                      | NOx (4)                  | 5.52             | 24.18 |
|                        |                      | SO2                      | 2.37             | 10.36 |
|                        |                      | CO                       | 6.90             | 30.22 |
|                        |                      | PM                       | 1.14             | 5.00  |

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 CO - carbon monoxide  
 PM - particulate matter, suspended in the atmosphere, including PM10  
 PM10 - 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.
- (4) The requirements for this heater under Special Condition No. 7 were added to this permit by US EPA Consent Decree SA-05-CA-0569. The Consent Decree does not limit NOx lb/hr or TPY emissions rate; it only limits the NOx lb/mmbtu rate.

\* 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

\*\* Compliance with annual emission limit is based on a rolling 12-month period.

Dated January 3, 2011