

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20178

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<br>Point No. (1) | Source<br>Name (2)        | Air Contaminant<br>Name (3) | <u>Emission Rates *</u> |       |
|---------------------------|---------------------------|-----------------------------|-------------------------|-------|
|                           |                           |                             | lb/hr                   | TPY   |
| 6-47                      | East Scrubbers A/B        | ETO                         | 1.09                    | 0.42  |
| 6-38                      | West Scrubbers C/D        | ETO                         | 0.97                    | 0.34  |
| 6-113                     | East Abator               | ETO                         | 0.01                    | 0.02  |
| 6-112                     | West Abator               | ETO                         | 0.01                    | 0.02  |
| 6-154                     | Sterilizer SS-1 DLC (4)   | ETO                         | 0.01                    | <0.01 |
| 6-139                     | Sterilizer SS-2 DLC (4)   | ETO                         | 0.01                    | <0.01 |
| 6-125                     | Sterilizer SP-1 DLC (4)   | ETO                         | 0.01                    | <0.01 |
| 6-96                      | Sterilizer SP-2 DLC (4)   | ETO                         | 0.01                    | <0.01 |
| 6-87                      | Sterilizer SP-3 DLC (4)   | ETO                         | 0.01                    | <0.01 |
| 6-75                      | Sterilizer SS-3 DLC (4)   | ETO                         | 0.01                    | <0.01 |
| 6-163                     | EDF Suites DLC (4)        | ETO                         | 0.02                    | 0.01  |
| 6-52                      | East Scrubber A/B DLC (4) | ETO                         | 0.01                    | 0.06  |
| 6-43                      | West Scrubber C/D DLC (4) | ETO                         | 0.01                    | 0.06  |
| 6-165                     | EDF Pump Suite DLC (4)    | ETO                         | 0.03                    | 0.11  |
| 6-FUG                     | HVAC Building Exhaust (4) | ETO                         | 0.01                    | 0.06  |

|       |                                  |                 |                  |       |      |
|-------|----------------------------------|-----------------|------------------|-------|------|
| 6-170 | 2 MMBtu/hr West<br>Abator Heater |                 | VOC              | 0.01  | 0.05 |
|       |                                  |                 | PM <sub>10</sub> | <0.01 | 0.01 |
|       |                                  | NO <sub>x</sub> | 0.20             | 0.86  |      |
|       |                                  | CO              | 0.16             | 0.72  |      |
|       |                                  | SO <sub>2</sub> | 0.02             | 0.07  |      |
| 6-171 | 2 MMBtu/hr East<br>Abator Heater |                 | VOC              | 0.01  | 0.05 |
|       |                                  |                 | PM <sub>10</sub> | <0.01 | 0.01 |
|       |                                  | NO <sub>x</sub> | 0.20             | 0.86  |      |
|       |                                  | CO              | 0.16             | 0.72  |      |
|       |                                  | SO <sub>2</sub> | 0.02             | 0.07  |      |

(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 area name or fugitive source name.

(3) ETO - ethylene oxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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.

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

DLC - Damage Limiting Construction

EDF - ETO Dispensing Facility

(4) Emission limit is an estimate only and compliance is demonstrated by meeting the requirements of Special Condition No. 3 and permit application representations.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Based on a maximum annual usage of 200,000 pounds of ETO.

Hrs/day 24 Days/week 7 Weeks/year 51 or Hrs/year 8,568

Dated March 3, 2006