

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83364

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** |
| 57                        | LPE Carbon Adsorption Outlet    | VOC                         | 0.04                    | 0.01  |
| F54                       | Thermal Oxidizer Fugitives (4)  | VOC                         | 0.01                    | 0.02  |
|                           |                                 | COCl <sub>2</sub>           | 0.01                    | 0.01  |
|                           |                                 | NH <sub>3</sub>             | 0.01                    | 0.01  |
|                           |                                 | HBr                         | 0.01                    | 0.01  |
| F56                       | LPE Product Unit Fugitives (4)  | VOC                         | 0.26                    | 1.11  |
|                           |                                 | COCl <sub>2</sub>           | 0.01                    | 0.01  |
|                           |                                 | NH <sub>3</sub>             | 0.01                    | 0.01  |
|                           |                                 | HBr                         | 0.01                    | 0.01  |
| F58                       | Solvent Truck Loading Fugitives | VOC                         | 0.01                    | 0.03  |
| FOR REFERENCE ONLY        |                                 |                             |                         |       |
| R&D-DISCH                 | R&D Lab Scrubber (5)            | VOC                         | 0.64                    | 0.15  |

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- (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  
COCl<sub>2</sub> - phosgene  
NH<sub>3</sub> - ammonia  
HBr - hydrogen bromide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) R&D Lab Scrubber is listed for reference only.

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

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

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

Dated February 9, 2009