

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48243

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) | Emission Rates * |       |
|---------------------------|--------------------|-----------------------------|------------------|-------|
|                           |                    |                             | lb/hr            | TPY** |
| 697                       | Tank 697           | VOC                         | 2.09             | 4.40  |
| 698                       | Tank 698           | VOC                         | 7.15             | 2.22  |
| 699                       | Tank 699           | VOC                         | 1.56             | 3.55  |
| 700                       | Tank 700           | VOC                         | 1.28             | 2.92  |
| 701                       | Tank 701           | VOC                         | 1.25             | 1.73  |
| 800                       | Tank 800           | VOC                         | 9.77             | 1.06  |
| 802                       | Tank 802           | VOC                         | 9.77             | 0.72  |
| 920                       | Tank 920           | VOC                         | 0.63             | 1.48  |
| 982                       | Tank 982           | VOC                         | 0.65             | 1.48  |
| 1091                      | Tank 1091          | VOC                         | 0.59             | 1.52  |
| 1120                      | Tank 1120          | VOC                         | 0.61             | 1.47  |
| 1131                      | Tank 1131          | VOC                         | 0.61             | 1.47  |
| 7840                      | Tank 7840          | VOC                         | 5.31             | 0.17  |
| 7850                      | Tank 7850          | VOC                         | 5.31             | 0.17  |
| 7860                      | Tank 7860          | VOC                         | 5.04             | 0.06  |

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|---------------------------|--|-----------------------------|------------------|-------|
|                           |  |                             | lb/hr            | TPY** |
| 7870                      | Tank 7870                                | VOC                         | 5.04             | 0.06  |
| 7880                      | Tank 7880                                | VOC                         | 1.89             | 0.02  |
| 7890                      | Tank 7890                                | VOC                         | 1.89             | 0.02  |
| 7900                      | Tank 7900                                | VOC                         | 12.3             | 0.04  |
| 7910                      | Tank 7910                                | VOC                         | 5.23             | 0.05  |
| LOAD                      | Uncollected Loading<br>Losses            | VOC                         | 19.58            | 27.15 |
| VRU1                      | Vapor RecoveryUnit 1                     | VOC                         | 21.08            | ----- |
| VRU2                      | Vapor RecoveryUnit 2                     | VOC                         | 21.08            | ----- |
|                           | <b>Total TPY:<br/>EPNs VRU1 and VRU2</b> | VOC                         | ---              | 32.78 |
| FUG                       | Equipment Fugitives (4)                  | VOC                         | 0.14             | 0.58  |
| T800LOAD                  | Loading from T800                        | VOC                         | 0.65             | 0.01  |
| T802LOAD                  | Loading from T802                        | VOC                         | 64.78            | 0.12  |

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- (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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from storage tanks are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 7 - Liquid Storage Tanks" including Supplement D, dated September 1997, and (b) the draft TCEQ publication "Technical Guidance Package for Chemical Sources - Storage Tanks" dated February, 2001.
- (6) Emissions from loading operations are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 5.2 - Transportation and Marketing of Petroleum Liquids" dated January 1995, and (b) the draft TCEQ publication "Technical Guidance Package for Chemical Sources - Loading Operations" dated October, 2000.

\* Emission rates are based on operating 8,760 Hrs/year.

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

Dated May 15, 2007