

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, sources, and related activities. 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 | |
|---------------------------|-----------------|--------------------------|----------------|---------|
| | | | lbs/hour | TPY (4) |
| 697 | Tank 697 (6) | VOC | 1.54 | 5.43 |
| 698 | Tank 698 (6) | VOC | 5.29 | 1.18 |
| 699 | Tank 699 (6) | VOC | 0.98 | 3.50 |
| 700 | Tank 700 (6) | VOC | 0.82 | 2.98 |
| 701 | Tank 701 (6) | VOC | 0.86 | 1.69 |
| 800 | Tank 800 (6) | VOC | 9.77 | 1.08 |
| 802 | Tank 802 (6) | VOC | 9.77 | 0.75 |
| 920 | Tank 920 (6) | VOC | 0.41 | 1.51 |
| 982 | Tank 982 (6) | VOC | 0.40 | 1.47 |
| 1091 | Tank 1091 (6) | VOC | 0.42 | 1.54 |
| 1120 | Tank 1120 (6) | VOC | 0.41 | 1.50 |
| 1131 | Tank 1131 (6) | VOC | 0.41 | 1.50 |
| 7840 | Tank 7840 (6) | VOC | 5.32 | 0.07 |
| 7850 | Tank 7850 (6) | VOC | 5.32 | 0.07 |
| 7860 | Tank 7860 (6) | VOC | 5.06 | 0.06 |
| 7870 | Tank 7870 (6) | VOC | 5.06 | 0.06 |
| 7880 | Tank 7880 (6) | VOC | 1.90 | 0.02 |
| 7890 | Tank 7890 (6) | VOC | 1.9 | 0.02 |
| 7900 | Tank 7900 (6) | VOC | 12.30 | 0.04 |
| 7910 | Tank 7910 (6) | VOC | 5.23 | 0.05 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|----------|----------------------------------|-----|-------|-------|
| LOAD | Uncollected Loading Losses (7) | VOC | 19.22 | 3.96 |
| VRU1 | Vapor Recovery Unit 1 | VOC | 19.24 | — |
| VRU2 | Vapor Recovery Unit 2 | VOC | 19.24 | — |
| | Total TPY: EPNs VRU1 and VRU2 | VOC | — | 41.04 |
| FUG | Equipment Fugitives (5) | VOC | 0.18 | 0.77 |
| T800LOAD | Loading from T800 (7) | VOC | 0.67 | 0.01 |
| T802LOAD | Loading from T802 (7) | VOC | 66.72 | 0.12 |

- (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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emissions from storage tanks are calculated using: (a) AP-42 "Compilation of Air Pollution Emission Factors, Fifth Edition, Chapter 7 — Liquids Storage Tanks" dated November 2006, and (b) the draft TCEQ publication "Technical Guidance Package for Chemical Sources — Storage Tanks" dated February 2001.
- (7) 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 June 2008, and (b) the draft TCEQ publication "Technical Guidance Package for Chemical Sources — Loading Operations" dated October 2000.

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