

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9746

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) |
| VRU-CAS | Vapor Recovery Unit - Carbon Adsorption System (All Bulk Loading) | VOC | 13.32 | 26.95 |
| LRDIST-1 | Bulk Loading Loss (Diesel) | VOC | 0.06 | 0.05 |
| RACKFUG | Loading Fugitives (5) | VOC | 17.12 | 18.43 |
| T-225 | Fixed-Roof Tank 225 (Diesel) | VOC | 7.02 | 1.63 |
| T-579 | Fixed-Roof Tank 579 (Diesel) | VOC | 5.34 | 0.43 |
| T-581 | Fixed-Roof Tank 581 (Diesel) | VOC | 5.34 | 0.43 |
| T-585 | Fixed-Roof Tank 585 (Diesel) | VOC | 5.34 | 0.56 |
| T-586 | Fixed-Roof Tank 586 (Diesel) | VOC | 5.34 | 0.56 |
| T-590 | Fixed-Roof Tank 590 (Diesel) | VOC | 7.02 | 0.68 |
| T-591 | Fixed-Roof Tank 591 (Diesel) | VOC | 7.02 | 0.70 |
| T-600 | Fixed-Roof Tank 600 (Diesel) | VOC | 5.34 | 0.62 |
| T-2010 | Fixed-Roof Tank 2010 (Diesel) | VOC | 5.34 | 0.37 |
| GRPFIXED1 Roof Tanks (7) | Fixed-Group of Fixed-Roof Tanks Annual Emission 21.27 Cap (Diesel) (6) 5.97 | VOC | | 5.98 |
| T-257-080 | Fixed-Roof Tank 257-080 (Additives) | VOC | 4.21 | 4.00 |
| T-257-110 | Fixed-Roof Tank 257-110 (Additives) | VOC | 0.86 | 0.01 |
| T-257-120 | Fixed-Roof Tank 257-120 (Additives) | VOC | 1.16 | 0.01 |
| T-257-130 | Fixed-Roof Tank 257-130 (Additives) | VOC | 30.79 | 0.14 |
| T-257-133 | Fixed-Roof Tank 257-133 (Additives) | VOC | 5.95 | 0.04 |
| T-257-150 | Fixed-Roof Tank 257-150 (Additives) | VOC | 8.88 | 0.01 |

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| | | | | |
|-----------|--|-----|--------|-------|
| T-257-160 | Fixed-Roof Tank 257-160 (Additives) | VOC | 6.76 | 0.08 |
| GRPFIXED2 | Group 2 Fixed-Roof Tanks Annual Emission Cap (Additives) (7) | VOC | | 4.28 |
| T-101 | Floating-Roof Tank 101 (Refined Products) | VOC | 3.61 | 2.93 |
| T-102 | Floating-Roof Tank 102 (Refined Products) | VOC | 6.61 | 5.31 |
| T-118 | Floating-Roof Tank 118 (Refined Products) | VOC | 3.59 | 2.00 |
| T-122 | Floating-Roof Tank 122 (Refined Products) | VOC | 3.59 | 2.00 |
| T-228 | Floating-Roof Tank 228 (Refined Products) | VOC | 11.46 | 9.62 |
| T-229 | Floating-Roof Tank 229 (Refined Products) | VOC | 10.05 | 10.16 |
| T-338 | Floating-Roof Tank 338 (Refined Products) | VOC | 2.65 | 1.59 |
| T-339 | Floating-Roof Tank 339 (Refined Products) | VOC | 4.59 | 3.00 |
| T-565 | Floating-Roof Tank 565 (Refined Products) | VOC | 2.89 | 1.48 |
| T-570 | Floating-Roof Tank 570 (Refined Products) | VOC | 9.05 | 8.91 |
| T-572 | Floating-Roof Tank 572 (Refined Products) | VOC | 4.00 | 8.94 |
| T-573 | Floating-Roof Tank 573 (Refined Products) | VOC | 2.35 | 8.40 |
| T-574 | Floating-Roof Tank 574 (Refined Products) | VOC | 2.35 | 8.40 |
| T-598 | Floating-Roof Tank 598 (Refined Products) | VOC | 9.13 | 9.74 |
| T-2020 | Floating-Roof Tank 2020 (Refined Products) | VOC | 0.54 | 2.38 |
| GRPFLOAT | Floating-Roof Tanks Annual Emission Cap (Refined Products) (8) | VOC | | 84.86 |
| TANKLAND | Floating-Roof Tank Landing (Refined Products) | VOC | 547.66 | 21.59 |
| T-571 | Floating-Roof Tank 571 (Ethanol) | VOC | 0.22 | 0.23 |
| PIPEFUG-1 | Piping Fugitives (5) | VOC | 0.26 | 1.12 |
| ETHPURG | Pump Purging | VOC | 0.24 | 0.11 |
| ETHFUG | Process Fugitives (5) | VOC | 0.73 | 3.22 |
| DSLLR | Diesel Loading Rack | VOC | 1.14 | 4.95 |
| DSLLRFUG | Diesel Loading Rack Fugitives (5) | VOC | 0.03 | 0.15 |

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| | | | | |
|-----------|-----------------------------|--|------|--------------------|
| CONDTOTES | Conductivity Additive Totes | VOC | 0.08 | 0.01 |
| FRACTOTES | Fractionator Additive Totes | VOC | 0.33 | 0.01 |
| TDUHEATR | TDU Heater | VOC | 0.83 | 2.18 |
| | | NO _x | 0.56 | 2.13 |
| | | SO ₂ | 0.01 | 0.01 |
| | | CO | 0.47 | 1.79 |
| | | PM/PM ₁₀ /PM _{2.5} | 0.04 | 0.16 |
| SITEWIDE | Sitewide Sources | Individual HAP Total HAPs | | < 10.00 < 25.00 |

- (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
CO - carbon monoxide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}.
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter.
PM_{2.5} - total particulate matter equal to or less than 2.5 microns in diameter.
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C.
- (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) Annual emission cap of Fixed-Roof Tanks 225, 579, 581, 585, 586, 590, 591, 600, and 2010 which store diesel.
- (7) Annual emission cap of Fixed-Roof Tanks 257-080, 257-110, 257-120, 257-130, 257-133, 257-150, and 257-160 which store additives.
- (8) Annual emission cap of Floating-Roof Tanks 101, 102, 118, 122, 228, 229, 338, 339, 565, 570, 572, 573, 574, 598, and 2020 which can store refined products. Refined products include various grades of gasoline, alkylate, and diesel.

Date: January 7, 2013