

Emission Sources - Maximum Allowable Emission Rates

Permit Number 92661

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) |
| TK021398 | Transmix Tank | VOC | 0.29 | 0.29 |
| TK016187 | Transmix Tank | VOC | 0.29 | 0.29 |
| TK021397 | Transmix Tank | VOC | 0.29 | 0.29 |
| TK027315 | Diesel Fuel Tank | VOC | 1.32 | 0.31 |
| TK027314 | Diesel Fuel Tank | VOC | 1.32 | 0.31 |
| TK027312 | Gasoline Tank | VOC (7) | 0.83 | 2.81 |
| TK027312 | Diesel Fuel Tank | VOC (8) | 0.18 | 0.19 |
| TK031489 | Gasoline Tank | VOC | 1.11 | 2.89 |
| NEWTANK | Gasoline Tank | VOC | 0.42 | 1.16 |
| TK027313 | Ethanol Tank | VOC | 0.28 | 0.19 |
| TKBIO | Biodiesel Fuel Tank | VOC | 0.01 | 0.02 |
| TKGASADD | Gasoline Additive Tank | VOC | 6.12 | 0.34 |
| TKDIESADD | Diesel Fuel Additive Tank | VOC | 0.02 | <0.01 |
| VCU01 | Vapor Combustor (6) | VOC | 7.27 | 11.52 |
| | | CO | 3.28 | 14.37 |
| | | NO _x | 5.68 | 24.90 |
| | | PM ₁₀ | 0.09 | 0.39 |
| | | PM _{2.5} | 0.09 | 0.39 |
| | | SO ₂ | 0.64 | 2.80 |

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| | | | | |
|-----------------------------------|-----------------------------------|-------------------|-------|-------|
| VRU01 | Vapor Recovery Unit | VOC | 7.27 | 11.52 |
| CT01 | Vapor Recovery Unit Cooling Tower | VOC | <0.01 | 0.04 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |
| LOADRACK01 | Loading Rack | VOC | 11.23 | 14.41 |
| EQUIPFUG01 | Piping Fugitives (5) | VOC | 0.08 | 0.34 |
| MSS01 | Vacuum Truck | VOC | 11.58 | 0.02 |
| MSS02 | Basket Cleaning | VOC | 1.46 | <0.01 |
| MSS03 | Uncontrolled MSS Activities | VOC | 16.06 | 0.21 |
| MSS04 (Controlled Unit Emissions) | Controlled MSS Activities | VOC | 0.04 | <0.01 |
| | | NO _x | 0.60 | 0.03 |
| | | CO | 1.64 | 0.08 |
| | | PM ₁₀ | 0.04 | <0.01 |
| | | PM _{2.5} | 0.04 | <0.01 |
| | | SO ₂ | <0.01 | <0.01 |

- (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
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- (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) The Vapor Combustor (EPN: VCU01) is no longer authorized by this permit after the Vapor Recovery Unit (EPN: VRU01) is installed and starts operating.
- (7) These emission rates apply before TK027312 is converted to diesel service as represented in the permit application, PI-1 dated, September 9, 2013. These rates cease to apply after the tank is in diesel service.
- (8) These emission rates apply after TK027312 is converted to diesel service as represented in the permit application, PI-1 dated, September 9, 2013.

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Date: April 7, 2014