

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20567

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 Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates* lb/hr | |
|------------------------|--------------------------------|--------------------------|--------------------------|-------|
| TPY** | | | | |
| 028AT20 | Analyzer Vent | VOC | 0.02 | 0.03 |
| 028D4V | D-4 Waste Vat | VOC | 0.42 | 0.72 |
| 028H1 | H-1 Heater | VOC | 0.03 | 0.03 |
| | | NO _x | 0.53 | 0.53 |
| | | PM ₁₀ | 0.04 | 0.04 |
| | | SO ₂ | 0.03 | 0.03 |
| | | CO | 0.45 | 0.45 |
| 028T22 | Tank 22 | VOC | 0.16 | 0.02 |
| 028T153 | Tank 153 | VOC | 0.01 | 0.01 |
| 028T169 | Tank 169 | VOC | 0.43 | 1.90 |
| 028T190 | Tank 190 | VOC | 0.01 | 0.01 |
| 028T200 | Tank 200 | VOC | 0.10 | 0.07 |
| 028T586A | Tank 586A | VOC | 0.01 | 0.01 |
| 028T900 | Tank 900 (Corrosion Inhibitor) | SO ₂ | 0.01 | 0.01 |
| F028PS1 | Process Sewer | VOC | 0.05 | 0.21 |
| F028FG1 | Fugitives (4) | VOC | 7.78 | 34.06 |
| 054BS1 | Product Loading | VOC | 0.43 | 0.35 |
| 054DR1 | Heating Oil Drum | VOC | 0.01 | 0.01 |
| 054DS1 | Product Drumming | VOC | 0.43 | 0.35 |

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| <u>TPY**</u> | | | lb/hr | |
| 054FL2 | Process Flare | VOC | 30.4 | 12.1 |
| | | NO _x | 4.81 | 3.15 |
| | | SO ₂ | 0.13 | 0.30 |
| | | CO | 41.2 | 27.2 |
| 054LT1 | Truck Loading | VOC | 2.24 | 1.77 |
| 054LT2 | Truck Loading (5) | VOC | | |
| 054LR2E1 | Railcar Loading (5) | VOC | | |
| 055T3 | Tank 3 | VOC | 6.1 | 0.33 |
| 055T4A | Tank 4A | VOC | 6.8 | 0.34 |
| F054FG1 | Tank Farm Fugitives (4) | VOC | 2.68 | 11.75 |
| F055T8 | Tank Tapings | VOC | 12.0 | 0.61 |

- (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 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
 PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns in emitted.
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions included with Emission Point Number 054LT1.

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

_____ Hrs/day _____ Days/week _____ Weeks/year or 8,760 Hrs/year

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

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|---|--------------------|-----------------------------|---------------------------------|
|---|--------------------|-----------------------------|---------------------------------|

Dated December 23, 2002