

Emission Sources - Maximum Allowable Emission Rates

Special Permit Number 17623

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) |
| CAS | Carbon Absorption System (CAS) for Tanks 601, 602, 603, 604, and 605 | VOC | 0.14 | 0.61 |
| | | H ₂ S | 0.06 | 0.25 |
| T-606 | Tank 606 | VOC | 0.02 | 0.01 |
| T-607 | Tank 607 | VOC | 0.30 | 0.01 |
| AHs-1a | Asphalt Heater | VOC | 0.04 | 0.18 |
| | | PM | 0.06 | 0.25 |
| | | CO | 0.64 | 2.80 |
| | | NO _x | 0.24 | 1.07 |
| | | SO ₂ | 0.01 | 0.02 |
| HMHS-1 | Medium Heater | VOC | 0.02 | 0.08 |
| | | PM | 0.03 | 0.11 |
| | | CO | 0.28 | 1.23 |
| | | NO _x | 0.34 | 1.46 |
| | | SO ₂ | 0.01 | 0.01 |
| TRK-LOAD | Truck Loading | VOC | 0.75 | 1.08 |
| | | H ₂ S | 0.01 | 0.01 |
| FU-1 | Fugitives (5) | VOC | 0.07 | 0.29 |
| | | H ₂ S | 0.01 | 0.01 |

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| | | | | |
|------|----------|-------------------|------|------|
| MILL | PMA Mill | PM | 0.01 | 0.01 |
| | | PM ₁₀ | 0.01 | 0.01 |
| | | PM _{2.5} | 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.
- PM - particulate matter, suspended in the atmosphere, including PM₁₀
- PM₁₀ - particulate matter (pm) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- PM_{2.5} - particulate matter (pm) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 2.5 microns is emitted.
- CO - carbon monoxide
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- H₂S - hydrogen sulfide
- (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.

Date: March 7, 2014