

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 33961

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** |
| CAS1 | Carbon Adsorption System for Control of Tanks | VOC | 0.05 | 0.02 |
| NOR42 | Acid Waste Tank No. 2 (5) | HCl | 0.15 | 0.01 |
| NOR43 | Acid Waste Tank No. 1 (5) | HCl | 0.15 | 0.01 |
| NOR45 | Caustic Waste Tank No. 2 (5) | NaOH | 0.01 | 0.01 |
| NOR46 | Caustic Waste Tank No. 1 (5) | NaOH | 0.01 | 0.01 |
| CONSOL | Stabilization/Consolidation Fugitives | PM ₁₀ | 0.01 | 0.01 |
| | | VOC | 0.02 | |
| | | IOC-U | 0.09 | |
| LABPAC | Lab Pack Drum Bulking | VOC | 0.01 | 0.01 |
| | | IOC-U | 0.01 | 0.02 |
| SAMP | Drums | VOC | 0.07 | 0.01 |
| CRUSH | Drum Crusher | VOC | 0.02 | 0.02 |
| FUGS | Fugitives (4) | VOC | 0.05 | 0.22 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
IOC-U - inorganic compounds (unspeciated)
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter equal to or less than 10 microns is emitted.
CO - carbon monoxide
HCl - hydrogen chloride
NaOH - sodium hydroxide
H₂SO₄ - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The acid and caustic waste tanks are not permitted to store fluids containing any organic compounds and so are permitted zero VOC emissions.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Date August 6, 2004