

EMISSION SOURCES - EMISSION CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Flexible Permit Number 32468

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** |

CO, NO_x, SO₂ Sources:

| | | | | |
|----------|-------------------|---------------------------------------|------|-------|
| FIREPUMP | Firewater Pump | CO, NO _x , SO ₂ | | |
| FLARE | Plant Flare | CO, NO _x , SO ₂ | | |
| LOAD1 | Loading Fugitives | CO, NO _x | | |
| LOAD2 | Loading Fugitives | CO, NO _x | | |
| | Emission Cap | CO | 3.31 | 9.97 |
| | Emission Cap | NO _x | 5.08 | 2.61 |
| | Emission Cap | SO ₂ | 2.61 | 10.15 |

VOC Sources:

| | | | | |
|-----------|------------------------------|---------------|-------|-------|
| DRUM LOAD | Drum Filling | VOC | | |
| FIREPUMP | Firewater Pump | VOC | | |
| FLARE | Plant Flare | VOC | | |
| FUG | Equipment Leak Fugitives (4) | VOC | | |
| GC LAB | GC Lab Hoods | VOC | | |
| LOAD1 | Loading Rack 1 | VOC | | |
| LOAD2 | Loading Rack 2 | VOC | | |
| POND | Wastewater Pond | VOC | | |
| TS LAB | Tech Service Lab | VOC | | |
| LDU-120 | LDU-120 Hood Vent | VOC | | |
| | Emission Cap | VOC | 16.09 | 16.13 |
| | Emission Cap | Benzene (5) | 0.07 | 0.10 |
| | Emission Cap | Butadiene (5) | 1.65 | 1.62 |
| | Emission Cap | Butenes (5) | 4.35 | 3.49 |
| | Emission Cap | Ethylene (5) | 1.62 | 1.63 |
| | Emission Cap | Propylene (5) | 0.08 | 0.08 |

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|---------------------------|--------------------|-------------------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| FLARE | Plant Flare | H ₂ S | 0.07 | 0.30 |
| | | H ₂ SO ₄ 0.03 | 0.13 | |
| FIREPUMP | Firewater Pump | PM ₁₀ | 0.29 | 0.01 |

- (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 an 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 - particulate matter 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.
 CO - carbon monoxide
 H₂S - hydrogen sulfide
 H₂SO₄ - sulfuric acid
- (4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (5) Emissions of speciated VOC are included in VOC cap.

* 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.

Dated July 6, 2006