EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3373

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** |
|---|---|---|---|---|
| 05FUG | Fugitives (4) | VOC | 17.9 | 73.7 |
| 05COM-013 | Recycle Compressor Engine | $PM_{10}$ | 0.3 | 1.1 |
| | | VOC 0.6 | 2.7 | |
| | | $NO_x$ 15.3 | 67.0 | |
| | | CO 2.2 | 9.4 | |
| 05COM-014 | Recycle Compressor Engine | $PM_{10}$ | 0.3 | 1.1 |
| | | VOC 0.6 | 2.7 | |
| | | $NO_x$ 15.3 | 67.0 | |
| | | CO 2.2 | 9.4 | |
| 05COM-015 | No.1 Purge Compressor Engine | $PM_{10}$ | 0.2 | 0.7 |
| | 330-hp **(06/04)** | VOC | 0.4 | 1.7 |
| | | $NO_x$ 9.7 | 42.6 | |
| | | CO 1.4 | 6.0 | |
| 05COM-016 | No. 2 Purge Compressor Engine | $PM_{10}$ | 0.2 | 0.7 |
| | 330-hp **(06/04)** | VOC | 0.4 | 1.7 |
| | | $NO_x$ 9.7 | 42.6 | |
| | | CO 1.4 | 6.0 | |
| 05COM-017 | No. 3 Purge Compressor Engine | $PM_{10}$ | 0.2 | 0.7 |
| | 330-hp **(06/04)** | VOC | 0.4 | 1.7 |
| | | $NO_x$ 9.7 | 42.6 | |
| | | CO 1.4 | 6.0 | |
| 05TFL-018 | Vinyl Acetate Tank | VOC | 0.17 | 0.46 |
| 05LTR-019 | Propane Unloading | VOC | 2.4 | 0.06 |
| 05LTR-020 | Propylene Unloading | VOC | 2.2 | 0.05 |

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| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | Emission Rates * TPY** |
|---|---|---|---|---|
| 05CLT-021 | Cooling Tower | VOC | 7.5 | 4.9 |
| 05TFL-022 | Recycle Vinyl Acetate Tank | VOC | 0.12 | 0.29 |
| 05LTR-022A | Butyl Acrylates Unloading | VOC | <0.01 | <0.01 |
| 05TFL-023 | Recycle Vinyl Acetate Tank | VOC | 0.11 | 0.35 |
| 05LRC-029 | Pellet Loading | $PM_{10}$ | 1.0 | 4.0 |
| 05INC-030 | Thermal Abater | VOC | 16.7 | 18.5 |
| | | $NO_x$ | 15.0 | 33.0 |
| | | CO | 20.0 | 60.0 |
| | | Acetone | 0.02 | 0.09 |
| 05LRC-031 | Vinyl Acetate Rail Unloading | VOC | 0.03 | <0.01 |
| 05LRC-032 | Recycle VA Rail Loading | VOC | 0.03 | <0.01 |
| 05SMP-034 | Lube Oil Sump | VOC | 0.22 | 0.07 |
| 05DMP-034A | Lube Oil Dumpster | VOC | 0.19 | 0.03 |
| 05ANL-035 | GC Analyzer Vents | VOC | <0.01 | <0.01 |
| 05LTR-036 | Vinyl Acetate Truck Unloading | VOC | <0.01 | <0.01 |
| 05TFX-037 | Mineral Spirits Tank | VOC | 0.01 | <0.01 |
| 05LTR-037A | Mineral Spirits Truck Unloading | VOC | <0.01 | <0.01 |
| 05TFX-038 | SONN Lube Oil Tank | VOC | <0.01 | <0.01 |
| 05LTR-038A | SONN Lube Oil Unloading | VOC | <0.01 | <0.01 |
| 05TFX-039 | A4V4 Lube Oil Tank | VOC | <0.01 | <0.01 |
| 05LTR-039A | A4V4 Lube Oil Truck Unloading | VOC | <0.01 | <0.01 |

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### AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | Emission Rates * TPY** |
|---|---|---|---|---|
| 05FLR-040 | F Unit Flare | VOC | 61.0 | 25.4 |
| | | $NO_x$ | 6.2 | 2.5 |
| | | CO | 44.6 | 18.3 |
| 04LTR-041A | Acids Truck Unloading | VOC | <0.01 | <0.01 |
| 05LRC-041B | Acids Rail Unloading | VOC | <0.01 | <0.01 |
| 05LTR-043A | Waste Acid Truck Loading | VOC | 0.02 | <0.01 |
| 05TFX-047 | Inhibitor Tank | VOC | 0.23 | <0.01 |
| 05SEP-051 | CPI Oil Separator | VOC | <0.01 | <0.01 |
| 05DMP-051A | CPI Oil Dumpster | VOC | <0.01 | <0.01 |
| 05TFX-052 | Glycerin Storage Tank | VOC | 0.04 | <0.01 |
| 05SEP-053 | Initiator Separator Tank | VOC | <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) $PM_{10}$ - 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 is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
$NO_x$ - total oxides of nitrogen
CO - carbon monoxide
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|

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

Dated June 29, 2004