

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5155A

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 |
| 6 | Absorber T-450 | VOC | 0.10 | 0.46 |
| 7 | Absorber T-451 | VOC | 0.34 | 1.48 |
| 8 | Absorber T-452 | VOC | 0.14 | 0.61 |
| 9 | Solvent Recovery System | VOC | <0.01 | 0.01 |
| 10 | Kady Mill | VOC | 0.96 | 0.27 |
| | | hydrazine | <0.01 | <0.01 |
| | | phosphoric acid | <0.01 | <0.01 |
| | | PM | <0.01 | <0.01 |
| 31A | White Tank | VOC | <0.01 | <0.01 |
| 31B | Black Tank | VOC | <0.01 | <0.01 |
| 31C | Alumina Tank | VOC | <0.01 | <0.01 |
| 32A | Breather Vent | VOC | 0.12 | <0.01 |
| 32B | Breather Vent | VOC | 0.12 | <0.01 |
| 70 | Purge Vent | VOC | 0.01 | <0.01 |
| 81 | Tank Truck Emissions (5) | VOC | 0.84 | <0.01 |
| 82 | Tank Truck Emission (5) | VOC | 0.84 | <0.01 |
| 100 | Plant Fugitives (4) | VOC | 0.08 | 0.23 |
| 101 | Kady Mill Fugitives (4) | VOC | 0.04 | 0.03 |
| | | hydrazine | <0.01 | <0.01 |

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- (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 30 Texas Administrative Code Section 101.1.
PM - particulate matter, suspended in the atmosphere, including particulate matter equal to or less than 10 microns in diameter.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions based on unloading eight tank trucks per year.

* 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

Dated _____