

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 25851

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** |
| BBU-1 | Storage Tank | VOC | 0.01 | 0.06 |
| BBU-2 | Storage Tank | Mg(NO ₃) ₂ | 0.04 | 0.01 |
| BBU-3 | Storage Tank | VOC | 0.01 | 0.01 |
| BBU-4 | Cooling Tower | VOC | 0.02 | 0.01 |
| | | PM | 0.01 | 0.03 |
| BBU-5 | Process Stack | VOC | 0.01 | 0.02 |
| BBU-6 | Warehouse Stack | VOC | 2.66 | 0.60 |
| BBU-7 | Caustic Scrubber | VOC | 0.15 | 0.19 |
| BBU-8 | Process Scrubber | VOC | 0.90 | 0.19 |
| | | H ₂ S | 0.01 | 0.01 |
| | | NO _x | 0.02 | 0.01 |
| BBU-9 | Tank Farm Fugitives (4) | VOC | 0.32 | 0.70 |
| | | HCl | 0.09 | 0.90 |
| BBU-10 | Process Building (4) Fugitives | VOC | 0.50 | 2.20 |
| | | HCl | 0.09 | 0.41 |
| | | Cl ₂ | 0.03 | 0.02 |
| | | NH ₃ | 0.01 | 0.03 |
| BBU-11 | Packaging Fugitives (4) | VOC | 0.07 | 0.01 |
| | | SO ₂ | 0.02 | 0.01 |

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|---------------------------|------------------------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| BBU-12 | Chlorine Handling (4) Fugitives | Cl ₂ | 0.01 | 0.04 |
| BBU-13 | Glycol Chiller Storage Tank 740 | Ethylene Glycol | 0.01 | 0.01 |
| BBU-14 | Glycol Chiller Expansion Tank | Ethylene Glycol | 0.01 | 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

Mg(NO₃)₂ - magnesium nitrate

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}.

H₂S - hydrogen sulfide

NO_x - total oxides of nitrogen

HCl - hydrogen chloride

Cl₂ - chlorine

NH₃ - ammonia

SO₂ - sulfur dioxide

(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:

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

Dated June 15, 2006