

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 28409

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) | <u>Emission Rates *</u> | |
|---------------------------|------------------------------------|-----------------------------|-------------------------|------------|
| | | | <u>lb/hr</u> | <u>TPY</u> |
| S-400M1 | Tank 400M1 | VOC | 21.44 | 12.50 |
| | | H ₂ S | 0.38 | 0.045 |
| S-400M2 | Tank 400M2 | VOC | 21.44 | 12.50 |
| | | H ₂ S | 0.38 | 0.045 |
| S-400M3 | Tank 400M3 | VOC | 21.44 | 12.50 |
| | | H ₂ S | 0.38 | 0.045 |
| S-400M4 | Tank 400M4 | VOC | 21.44 | 12.50 |
| | | H ₂ S | 0.38 | 0.045 |
| F-1 | Piping Fugitives (4) | VOC | 1.00 | 4.40 |
| | | H ₂ S | 0.018 | 0.016 |
| VCU-1 (new) | Vapor Combustion Unit (5) 12.63 | VOC | | 50.44 |
| | | NO _x | 20.79 | 6.87 |
| | | CO | 51.98 | 17.19 |
| | | SO ₂ | 83.58 | 4.18 |
| | | H ₂ S | 0.90 | 0.045 |

(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 General Rule 101.1

NO_x - oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

H₂S - hydrogen sulfide

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VCU-1 emission rates are those attributed only to facilities authorized by this permit.

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* 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_____