

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 34144

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 |
| 1 | Zinc Kettle Baghouse (5) Stack | PM ₁₀ | 0.032 | 0.115 |
| | | NH ₄ Cl ** | 0.022 | 0.078 |
| | | ZnO ** | 0.005 | 0.018 |
| 2 | Zinc Kettle Heater Stack | PM | 0.091 | 0.171 |
| | | SO ₂ | 0.005 | 0.009 |
| | | CO | 0.160 | 0.299 |
| | | NO _x | 0.760 | 1.422 |
| | | VOC | 0.061 | 0.114 |
| FUG-1 | Zinc Kettle (4 and 5) | PM ₁₀ | 0.065 | 0.234 |
| | | NH ₄ Cl ** | 0.044 | 0.159 |
| | | ZnO ** | 0.018 | 0.037 |
| FUG-2 | Acid Tanks | HCl | 0.025 | 0.024 |
| FUG-5 | Degreaser Tank Heater (4) 0.016 | PM | | 0.009 |
| | | SO ₂ | <0.001 | <0.001 |
| | | CO | 0.015 | 0.028 |
| | | NO _x | 0.072 | 0.135 |
| | | VOC | 0.006 | 0.011 |
| FUG-6 | Preflux Tank Heater (4) | PM | 0.009 | 0.016 |
| | | SO ₂ | <0.001 | <0.001 |
| | | CO | 0.015 | 0.028 |
| | | NO _x | 0.072 | 0.135 |
| | | VOC | 0.006 | 0.011 |

(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.

Permit No. 34144

Page 2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) PM - particulate matter
PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
NH₄Cl - ammonium chloride
ZnO - zinc oxide
HCl - hydrochloric acid
- (4) Fugitive emissions are an estimate only.
- (5) Includes ammonium chloride, zinc oxide, zinc chloride, zinc, and ammonia.

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

Hrs/day 24 Days/week 6 Weeks/year 52 or Hrs/year

Maximum Daily Throughput 150 tons

Maximum Annual Throughput 45,000 tons

- ** Included in the PM₁₀

Dated_____