

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84552

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> | |
|------------------------|--|--------------------------|-----------------------|-------|
| | | | lb/hr | TPY |
| EPN 1 | Galvanizing Kettle Baghouse Exhaust | PM/PM ₁₀ | 0.44 | 0.91 |
| | | NH ₄ CL | 0.30 | 0.62 |
| | | ZnO | 0.07 | 0.15 |
| | | ZnCl ₂ | 0.02 | 0.04 |
| | | Zn | 0.02 | 0.05 |
| | | NH ₃ | 0.01 | 0.01 |
| BURNER-FUG1 | Galvanizing Kettle Burner Fugitive (4) | NO _x | 0.33 | 1.43 |
| | | CO | 0.28 | 1.20 |
| | | PM/PM ₁₀ | 0.03 | 0.11 |
| | | VOC | 0.02 | 0.08 |
| | | SO ₂ | <0.01 | <0.01 |
| GALV-FUG | Galvanizing Fugitive Emissions (4) | PM/PM ₁₀ | 0.33 | 0.68 |
| | | NH ₄ CL | 0.22 | 0.46 |
| | | ZnO | 0.05 | 0.11 |
| | | ZnCl ₂ | 0.01 | 0.03 |
| | | Zn | 0.02 | 0.03 |
| | | NH ₃ | <0.01 | <0.01 |
| HCL-FUG | Hydrochloric Acid Pickle Tanks (4) | HCl | 0.01 | 0.06 |
| BURNER-FUG2 | Degreasing Tank (4) | NO _x | 0.01 | 0.06 |
| | | CO | 0.01 | 0.05 |
| | | PM/PM ₁₀ | <0.01 | <0.01 |
| | | VOC | <0.01 | <0.01 |
| | | SO ₂ | <0.01 | <0.01 |
| BLAST-FUG | Sand Blast Fugitive (4) | PM | 1.18 | 0.59 |
| | | PM ₁₀ | 0.28 | 0.14 |

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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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - HCl - hydrogen chloride
 - NH₄CL - ammonia chloride
 - ZnO - zinc oxide
 - ZnCl₂ - zinc chloride
 - Zn - zinc
 - NH₃ - ammonia
- (4) Fugitive emissions are an estimate only.

Dated September 1, 2009