

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78707

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 |
| 1 | Shot Blast Unit Dust Collector | PM/PM ₁₀ | 0.03 | 0.02 |
| 2 | Electrostatic Paint Booth Dust Collector | PM/PM ₁₀ | 0.32 | 1.40 |
| 3 | Galvanizing Kettle Dust Collector Stack | PM/PM ₁₀ Zn | <0.01 <0.01 | <0.01 <0.01 |
| 4 | Galvanizing Kettle Fugitives (4) | PM/PM ₁₀ Zn | <0.01 0.01 | <0.01 0.01 |
| 5 | Spray Washer Burner Stack | PM/PM ₁₀ NO _x SO ₂ CO VOC | <0.01 0.03 <0.01 0.01 <0.01 | 0.01 0.13 <0.01 0.07 0.01 |
| 6 | Drying Oven Heater Stack | PM/PM ₁₀ NO _x SO ₂ CO VOC | 0.02 0.50 <0.01 0.25 0.03 | 0.10 2.20 0.01 1.10 0.14 |
| 7 | Curing Oven Heater Stack | PM/PM ₁₀ NO _x SO ₂ CO VOC | 0.02 0.33 <0.01 0.01 0.02 | 0.07 1.46 0.01 0.04 0.09 |

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|----|--------------------------------------|---------------------|-------|-------|
| 8 | Zinc Pot Heater | PM/PM ₁₀ | <0.01 | <0.01 |
| | | NO _x | 0.02 | 0.07 |
| | | SO ₂ | <0.01 | <0.01 |
| | | CO | 0.01 | 0.04 |
| | | VOC | <0.01 | <0.01 |
| 9 | Sodium Hydroxide Tank Heater Vent | PM/PM ₁₀ | <0.01 | <0.01 |
| | | NO _x | 0.02 | 0.07 |
| | | SO ₂ | <0.01 | <0.01 |
| | | CO | 0.01 | 0.04 |
| | | VOC | <0.01 | <0.01 |
| 10 | Pickle Tank Exhaust Fans | HCl | 0.14 | 0.13 |

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - Zn - zinc
 - HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only.

Dated December 15,2006