

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 80838

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 |
| GK-1 | Galvanizing Kettle Baghouse Stack 1 | PM/PM ₁₀ | 0.025 | 0.03 |
| | | NH ₄ Cl (5) | 0.017 | 0.02 |
| | | ZnO (5) | 0.004 | <0.01 |
| | | ZnCl ₂ (5) | 0.001 | <0.01 |
| | | Zn (5) | 0.001 | <0.01 |
| | | NH ₃ (5) | <0.001 | <0.01 |
| GK-2 | Galvanizing Kettle Baghouse Stack 2 | PM/PM ₁₀ | 0.025 | 0.03 |
| | | NH ₄ Cl (5) | 0.017 | 0.02 |
| | | ZnO (5) | 0.004 | <0.01 |
| | | ZnCl ₂ (5) | 0.001 | <0.01 |
| | | Zn (5) | 0.001 | <0.01 |
| | | NH ₃ (5) | <0.001 | <0.01 |
| GK-3 | Galvanizing Kettle Burner Stack | PM/PM ₁₀ | 0.05 | 0.21 |
| | | VOC | 0.04 | 0.15 |
| | | NO _x | 0.62 | 2.70 |
| | | SO ₂ | <0.01 | 0.02 |
| | | CO | 0.52 | 2.27 |
| PB-1A and PB-1B | Paint Booth Stacks | PM/PM ₁₀ | 0.012 | 0.014 |
| | | VOC | 17.00 | 3.40 |
| MB1 | Abrasive Blast Booth | PM/PM ₁₀ | 2.38 | 4.78 |

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|---------------------------|--|-----------------------------|----------------|--------|
| | | | lb/hr | TPY |
| BLDG-FUG | Quench Tank, Acid Tanks, and Hot Sticks (4) | PM/PM ₁₀ | 0.29 | 2.47 |
| | | NO _x | 0.07 | 0.30 |
| | | CO | 0.06 | 0.25 |
| | | SO ₂ | <0.001 | 0.002 |
| | | VOC | 0.004 | 0.02 |
| | | HCl (5) | 0.28 | 2.45 |
| | | Cr (5) | 0.0005 | 0.0023 |

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

NH₄Cl - ammonia chloride

ZnO - zinc oxide

ZnCl₂ - zinc chloride

Zn - zinc

NH₃ - ammonia

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

HCl - hydrogen chloride

Cr - chromium

(4) Fugitive emissions are an estimate only.

(5) Included in the PM/PM₁₀ emission rate.

Dated May 25, 2007