

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 38041

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
Stack 5	Kettle Baghouse Stack	PM <sub>10</sub>	0.558	2.45
		NH <sub>4</sub> Cl	0.379	1.666
		ZnO	0.014	0.392
		ZnCl <sub>2</sub>	0.022	0.098
		Zn	0.028	0.122
		NH <sub>3</sub>	0.006	0.025
Fugitive 6	Kettle 2 Galvanizing Area (4)	PM <sub>10</sub>	0.095	0.416
		NH <sub>4</sub> Cl	0.065	0.283
		ZnO	0.015	0.067
		ZnCl <sub>2</sub>	0.004	0.166
		Zn	0.005	0.021
		NH <sub>3</sub>	0.001	0.004
Fugitive 6A	Three Acid Tanks Pickling Area (4)	H <sub>2</sub> SO <sub>4</sub>	0.156	0.687
Stack 6	Kettle Burner Stack	PM <sub>10</sub>	0.072	0.315
		SO <sub>2</sub>	0.004	0.016
		CO	0.126	0.552
		NO <sub>x</sub>	0.600	2.628
		VOC	0.348	0.152

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
Stack 7	Boiler Stack	PM <sub>10</sub>	0.040	0.175
		SO <sub>2</sub>	0.001	0.004
		CO	0.069	0.302
		NO <sub>x</sub>	0.33	1.445
		VOC	0.019	0.083

- (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) PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted
- NH<sub>4</sub>Cl - ammonium chloride
- ZnO - zinc oxide
- ZnCl<sub>2</sub> - zinc chloride
- Zn - zinc
- NH<sub>3</sub> - ammonia
- SO<sub>2</sub> - sulfur dioxide
- CO - carbon monoxide
- NO<sub>x</sub> - total oxides of nitrogen
- VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- CrO<sub>3</sub> - Chromium Trioxide
- (4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated \_\_\_\_\_