EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56498

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**
BHSTK	Zinc Kettle Baghouse (5)	PM_{10}	0.27	0.37
		NH_4Cl 0.19	0.25	
		ZnO 0.04	0.06	
		$ZnCl_2$ 0.01	0.02	
		Zn <0.02	<0.02	
		NH_3 <0.01	<0.01	
BOILR	Boiler Stack	PM	0.03	0.03
		NO_x 0.40	0.37	
		CO 0.34	0.31	
		SO_2 <0.01	<0.01	
		VOC 0.02	0.02	
BURNR	Zinc Kettle Burner Stack	PM	0.05	0.23
		NO_x 0.68	2.96	
		CO 0.57	2.49	
		SO_2 <0.01	<0.02	
		VOC 0.04	0.16	
BFUG	Building Fugitives (4)	PM_{10}	0.29	0.39
		NH_4Cl 0.19	0.27	
		ZnO 0.05	0.06	
		$ZnCl_2$ 0.01	0.02	
		Zn <0.02	<0.02	
		NH_3 <0.01	<0.01	
		CrO_3 0.0018	0.008	

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AIR CONTAMINANTS DATA

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

(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
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter 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.
CO - carbon monoxide
NH_4Cl - ammonium chloride
ZnO - zinc oxide
$ZnCl_2$ - zinc chloride
Zn - zinc
NH_3 - ammonia
CrO_3 - chromic acid
(4) Fugitive emissions are an estimate only
(5) Emission rates become effective upon installation of zinc kettle controls, but not later than March 1, 2007.

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

** Compliance with annual emission limits is based on a rolling 12-month period.

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

Maximum Hourly Throughput: 11 tons of galvanized steel

Maximum Annual Throughput: 30,000 tons of galvanized steel

Dated September 3, 2004