

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8596A

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
1	Kettle Baghouse	PM <sub>10</sub>	<0.01	0.01
		NH <sub>4</sub> Cl	0.30	1.32
		ZnO	<0.01	<0.01
		ZnCl <sub>2</sub>	<0.01	<0.01
		Zn	<0.01	<0.01
		NH <sub>3</sub>	<0.01	<0.01
2	Pickle Tank (4)	HCl	0.07	0.14
3	Pickle Tank (4)	HCl	0.07	0.14
4	Furnace Stack	PM <sub>10</sub>	0.04	0.12
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.07	0.21
		NO <sub>x</sub>	0.31	0.96
		VOC	0.02	0.06
5	Tube Heater (4)	PM <sub>10</sub>	<0.01	0.03
		SO <sub>2</sub>	<0.01	<0.01
		CO	<0.01	0.04
		NO <sub>x</sub>	0.05	0.18
		VOC	<0.01	0.01
6	Hot Stick (4)	PM <sub>10</sub>	<0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
		CO	<0.01	0.04
		NO <sub>x</sub>	0.05	0.18
		VOC	<0.01	0.01

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- (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 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
  - HCl - hydrogen chloride
  - SO<sub>2</sub> - sulfur dioxide
  - CO - carbon monoxide
  - NO<sub>x</sub> - total oxides of nitrogen
  - VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.