

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 50288

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
BH	Reverberatory Furnace and Rotary Furnace Baghouse Stack	PM <sub>10</sub>	1.714	1.714
		VOC	13.040	13.040
		NO <sub>x</sub>	9.110	9.110
		SO <sub>2</sub>	22.014	22.014
		CO	0.390	0.390
		HCl	2.000	2.000
		Cl <sub>2</sub>	0.400	0.400
		Dioxin/Furan	1.5E-07	1.5E-07
F-PC	Pouring and Casting (4)	VOC	0.700	0.700
		NO <sub>x</sub>	0.050	0.050
		SO <sub>2</sub>	0.100	0.100
F-DH	Dross Handling (4)	PM	0.550	0.550
		PM <sub>10</sub>	0.500	0.500

- (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 area name or fugitive source name.
- (3)
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
  - 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.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - CO - carbon monoxide
  - HCl - hydrochloric acid
  - Cl<sub>2</sub> - chlorine

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(4) Fugitive emissions are an estimate only.

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

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

5 tons per hour and 10,000 tons per year of melted aluminum.

Dated \_\_\_\_\_