

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3234

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	Maerz Furnace Baghouse Stack	PM ₁₀ **	4.35	19.1
		CO	200.0	366.0
		SO ₂	16.3	11.9
		NO _x	11.4	49.1
		VOC	0.23	0.92

- (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) PM₁₀ - 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.
 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

* Emission rates are based on a maximum monthly furnace copper charge rate of 14,000 tons and a maximum calendar year copper charge rate of 168,000 tons of crude copper. The facilities are limited by the following maximum operating schedule:

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

** Includes species

Dated August 12, 2005