

# EMISSIONS SOURCES- MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 37222

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	Shaft Furnace Stack	PM <sub>10</sub>	1.5	4.9
		CO	72.6	242
		NO <sub>x</sub>	1.5	5.0
		SO <sub>2</sub>	0.02	0.08
		VOC	0.8	2.7

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) 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 PM greater than 10 microns is emitted.

CO - carbon monoxide

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

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

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

### Shaft Furnace:

Maximum Hourly Throughput: 13.2 tons per hour of copper

Maximum Annual Throughput: 88, 000 tons per hour of copper

Dated June 26, 2001