

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 597

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**
7A	Anode Scrap Furnace	PM <sub>10</sub>	19.00	80.50
		Pb**	4.27	18.09
		Sb**	0.16	0.68
		Cu**	11.59	49.11
		Se**	0.51	2.15
		CO	200.00	847.20
		SO <sub>2</sub>	6.70	28.30
		NO <sub>x</sub>	6.10	25.80
		VOC	5.00	21.20
7C	Furnace Fugitives (4)	PM/PM <sub>10</sub>	0.10	0.50

(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<sub>x</sub> - total oxides of nitrogen

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

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.

CO - carbon monoxide

Pb - Lead

Sb - Antimony

Se - Selenium

Cu - Copper

(4) Fugitive emissions are an estimate only.

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- \* Emission rates are based on a maximum monthly furnace copper charge rate of 36,200 tons and a maximum calendar year copper charge rate of 434,400 tons of copper and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,472 Hrs/year

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

Dated \_\_\_\_\_