

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4612

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)	<u>Emission Rates</u> *	
TPY			lb/hr	
7A	Anode Butt Blast Baghouse Stack	PM <sub>10</sub> HF	0.76 0.12	1.58 0.26
7C	Anode Butt Crushing Baghouse Stack	PM <sub>10</sub> HF	1.96 0.02	4.08 0.04
2D	Conveyor Belt Baghouse Stack	PM <sub>10</sub> HF	0.44 <0.01	0.92 0.01
7B	Anode Rod Cleaning Baghouse Stack	PM <sub>10</sub>	0.49	1.02
7FUG	Fugitive (4)	PM <sub>10</sub>	0.04	0.08

- (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 (PM) less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
HF - hydrogen fluoride
- (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 rates:

Hrs/day 16 Days/week 5 Weeks/year 52 or Hrs/year

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Anode Material Processed: Pounds/hour 36,000 Tons/year 60,000

Date July 12, 2004