

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6215

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
19A	Grid Casting and Melting			TSP	1.00	4.38
				PM <sub>10</sub>	1.00	4.38
				Pb	0.045	0.20
20	Mixing/Pasting			TSP	0.50	2.20
				PM <sub>10</sub>	0.50	2.20
				Pb	0.09	0.39
21	Mixer			TSP	0.007	0.03
				PM <sub>10</sub>	0.007	0.03
				Pb	0.004	0.02
22	Oxide Storage			TSP	0.064	0.28
				PM <sub>10</sub>	0.064	0.28
				Pb	0.064	0.28
24	Plate Assembly and Tiegel Burning			TSP	1.00	4.38
				PM <sub>10</sub>	1.00	4.38
				Pb	0.136	0.60
24A	Parts Casting Assembly Pasting			TSP	2.50	10.95
				PM <sub>10</sub>	2.50	10.95
				Pb	0.226	0.99
25	Unit Assembly			TSP	0.26	1.10
				PM <sub>10</sub>	0.26	1.10
				Pb	0.13	0.57
28	Battery Charging			H <sub>2</sub> SO <sub>4</sub>	0.30	1.30
FUG2	Finishing (4)			TSP		1.60
				PM <sub>10</sub>		1.60
				Pb		0.18

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
FUG3	2nd Assembly (4)	TSP		0.81
		PM <sub>10</sub>		0.81
		Pb		0.09

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FUG3-1	Grid Casting (4)		TSP	2.00
			PM <sub>10</sub>	2.00
			Pb	0.22
FUG4	1st Assembly (4)		TSP	0.81
			PM <sub>10</sub>	0.81
			Pb	0.09
FUG4-1	Pasting (4)		TSP	2.00
			PM <sub>10</sub>	2.00
			Pb	0.22

- (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) TSP - total suspended particulate including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
Pb - lead  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,760

Maximum hourly usage of 3,965 pounds (1.98 tons) of lead oxide, 2,065 pounds (1.03 tons) of antimonial lead; maximum annual usage of 34,733,400 pounds (17,366.70 tons) of lead oxide, and 18,089,400 pounds (9,044.70 tons) of antimonial lead.

Dated \_\_\_\_\_