

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. T-19550

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

<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
2	Lead Oxide Storage Baghouse	Pb	0.0015	0.0046
		PM ₁₀	0.07	0.21
5	Process Baghouse	PM ₁₀	4.31	12.92
		Pb	0.1886	0.5657
		NO _x	0.11	0.32
		SO ₂	<0.01	<0.01
		CO	0.04	0.08
		VOC	<0.01	0.03
6	Vacuum System Baghouse	PM ₁₀	0.02	0.05
		Pb	0.0040	0.0118
7	Grid Casting Exhaust Stack	PM	1.50	4.50
		PM ₁₀	1.50	4.50
		Pb	0.0652	0.1955
		NO _x	0.04	0.12
		SO ₂	<0.01	<0.01
		CO	0.01	0.03
		VOC	<0.01	0.01
9	Final Assembly Exhaust	PM	0.48	1.44
		PM ₁₀	0.48	1.44
		Pb	0.0378	0.1132
		NO _x	0.01	0.02
		SO ₂	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	<0.01	<0.01

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<u>Emission Rates *</u>	Source	Air Contaminant	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (3)</u>	<u>Name (2)</u>	<u>lb/hr</u>	
	<u>TPY</u>			
10	Battery Formation (4)	H ₂ SO ₄	0.03	0.11

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
11	Lead Pot Furnace	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		NO _x	0.05	0.15
		SO ₂	<0.01	<0.01
		CO	0.01	0.03
		VOC	<0.01	0.01

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter including PM₁₀

PM₁₀ - particulate matter less than 10 microns in diameter

CO - carbon monoxide

Pb - lead

H₂SO₄ - 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 6,000

Based on processing a maximum of 50 tons per day of lead in batteries.

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<u>Point No. (1)</u>	<u>Name (3)</u>	<u>Name (2)</u>	
	TPY		lb/hr

Dated _____