

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

6898

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		
S/N 18	Cast-On-Strap (COS)		PM10		0.25	1.10
	Lines 2 and 3		Pb		0.01	0.04
	Baghouse					
S/N 19	COS Line 1 and Stackers for Lines 1 and 0		Pb		0.01	0.04
S/N 21	COS Lines 4 and 5		PM10		0.25	1.10
	Baghouse		Pb		0.01	0.04
S/N 22	Vacuum System Baghouse		Pb		0.01	0.03
S/N 186	MK X COS Line 0		Pb		0.0452	0.20
S/N 187	Baghouse: Pasting Line		Pb		0.025	0.10
	3, Paste Ovens 1-2-3,		NOx		0.18	0.78
	Vapor Exhaust Mixers		CO		0.03	0.15
	1-2-3, Mixer Dry Exhaust 3		PM10		0.27	1.10
S/N 188	Baghouse: Pasting Lines		Pb		0.05	0.22
	1-2, Mixer Dry Exhausts 1-2		PM10		0.27	1.10
S/N 208	Heat Seal-COS Lines 1 and 2		VOC		<0.01	<0.01
S/N 209	Heat Seal-COS Lines 3, 4, and 5		VOC		<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
S/N 235	Plate Curing Rooms 4-5	Pb	0.0051	0.02
S/N 236	Plate Curing Rooms 1-3	Pb	0.0077	0.03
S/N 237	Heater Exhaust Room 4	NOx	0.06	0.26
		CO	0.01	0.05
S/N 238	Heater Exhaust Room 5	NOx	0.06	0.26
		CO	0.01	0.05
S/N 246	Wirtz Grid Casters	Pb	0.0226	0.10
		SO2	<0.01	0.02
		NOx	0.72	3.15
		CO	0.14	0.63
		VOC	0.04	0.17
S/N 250	Heater Exhaust Room 1	NOx	0.06	0.26
		CO	0.01	0.05
S/N 251	Heater Exhaust Room 2	NOx	0.06	0.26
		CO	0.01	0.05
S/N 252	Heater Exhaust Room 3	NOx	0.06	0.26
S/N 253	Auto Post Burning Lines 3, 4, and 5	Pb	0.0002	<0.01
S/N 255	Heat Seal-COS Line 0	VOC	<0.01	<0.01
S/N 257	Auto Post Burning and Back-Up Heat Seal -COS Line	VOC	<0.01	<0.01
		CO	0.01	0.05
S/N 346	Strip Caster	Pb	0.005	0.021

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			lb/hr	TPY
			PM10	0.01 0.04
S/N 347	Strip Casting Furnace		SO2	<0.01 <0.01
			NOx	0.25 1.08
			CO	0.02 0.08
			VOC	<0.01 <0.01
FUG-1	Paste Mixing, Pasting Line 3 (4)		TSP	0.06 0.23
			Pb	0.03 0.13
FUG-2	Lead Melting and Casting Operations (4)		TSP	0.12 0.52
			Pb	0.026 0.113
FUG-3	COS Lines 4 and 5 (4)		PM10	0.53 0.91
			Pb	0.061 0.104
FUG-4	COS Lines 2 and 3 (4)		PM10	0.53 0.91
			Pb	0.061 0.104
FUG-5	Battery Formation Area (4)		H2SO4	0.01 0.03

- (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) Pb - lead
TSP - particulate matter including PM10
PM10 - particulate matter less than 10 microns
SO2 - sulfur dioxide
NOx - total oxides of nitrogen
CO - carbon monoxide

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			lb/hr	TPY

VOC - volatile organic compounds as defined in General Rule 101.1
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 maximum hourly production of 1,140 batteries and a maximum annual production of 3,500,000 batteries and the following operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Revised_____