

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

S-18943

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		
1	4-Ton and 2-Ton Crucible Furnaces			SnO	0.0072	0.0209
				Pb3O4	0.0050	0.0146
2	Lab Fume Scrubber			HCl	<.0100	0.0300
				HNO3	<.0100	0.0300
3	0.3-Ton Crucible Furnace			SnO	0.0032	0.0093
				Pb3O4	0.0020	0.0058
5	0.3-Ton Crucible Furnace			SnO	0.0032	0.0093
				Pb3O4	0.0020	0.0058
6	0.1-Ton Crucible Furnace			SnO	0.0080	0.0233
				Pb3O4	0.0050	0.0146
7	0.1-Ton Crucible Furnace and Five 200-lb. Solder Cream Furnaces			SnO	0.0045	0.0131
				Pb3O4	0.0030	0.0087
8	Sieving Extractor Baghouse			SnO	0.0100	0.0291
				Pb3O4	0.0060	0.0175
9	Compounding Extractor and Canning Station Baghouses			SnO	0.0060	0.0175
				Pb3O4	0.0040	0.0116
10	Medium Prod. Baghouse			C19H29COOH	0.0030	0.0090
11	Rosin Crushing Booth			C19H29COOH	0.0030	0.0090
13	Acid Flux Fume Scrubber			NH3	0.0130	0.0380

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
14	Rosin Rejection Vent (4)	C19H29COOH	0.0010	0.0030
16	Rosin Rejection Vent (4)	C19H29COOH	0.0160	0.0460
17	Rosin Rejection Vent (4)	C19H29COOH	0.0010	0.0030
18	Sieving Extractor Baghouse	SnO Pb3O4	0.0100 0.0060	0.0291 0.0175
19	Sieving Extractor Baghouse	SnO Pb3O4	0.0100 0.0060	0.0291 0.0175
20	Sieving Extractor Baghouse	SnO Pb3O4	0.0100 0.0060	0.0291 0.0175
21	Sieving Extractor Baghouse	SnO Pb3O4	0.0100 0.0060	0.0291 0.0275
22	Sieving Extractor Baghouse	SnO Pb3O4	0.0100 0.0060	0.0291 0.0275

- (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) SnO - tin oxide
Pb3O4 - lead oxide
C19H29COOH - rosin
NH3 - ammonia
HCl - hydrochloric acid
HNO3 - nitric acid
- (4) Emissions from these sources consist of 95 percent rosin and 5 percent ammonia.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

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

Hrs/day 16 Days/week 7 Weeks/year 52 or Hrs/year 5,824

Maximum hourly and annual throughputs of billets and flux as specified in the Special Provision No. 1.

Revised _____