

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

S-9893

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>	
			lb/hr	TPY
T1	Baghouse For 3 Induction Furnaces	PM10	0.12	0.12
E3	Billet Furnace	TSP	0.07	0.07
		PM10	0.07	0.07
		VOC	0.08	0.08
		NOx	1.40	1.40
		SO2	0.01	0.01
		CO	0.28	0.28
E4	Annealing Furnace	TSP	0.014	0.014
		PM10	0.014	0.014
		VOC	0.02	0.02
		NOx	0.29	0.29
		SO2	<.01	<.01
		CO	0.06	0.06
E5	Annealing Furnace	TSP	0.014	0.014
		PM10	0.014	0.014
		VOC	0.02	0.02
		NOx	0.29	0.29
		SO2	<.01	<.01
		CO	0.06	0.06
E6	Process Boiler	TSP	0.02	0.02
		PM10	0.02	0.02
		VOC	0.02	0.02
		NOx	0.34	0.34
		SO2	<.01	<.01
P-2	Inhibitor Tank (4)	VOC	4.00	4.10
P-3	Solvent Tank (4)	VOC	6.63	6.90

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P-4a	Waste Oil Boiler	TSP	0.15	0.15
		PM10	0.07	0.07
		SO2	0.05	0.05
P-11	Chromeplating	Cr	0.00017	0.00017

- (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 PM10
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
Cr - chromium
- (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 2,000

Plant production is limited to 5,000 pounds per hour and 5,000 tons per year of copper pipe.