

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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) TPY	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr	
T1	Baghouse for Three Induction Furnaces	PM ₁₀	0.12	0.12
E3	Billet Furnace	PM ₁₀	0.07	0.07
		VOC	0.08	0.08
		NO _x	1.40	1.40
		SO ₂	0.01	0.01
		CO	0.28	0.28
E4	Annealing Furnace	PM ₁₀	0.014	0.014
		VOC	0.02	0.02
		NO _x	0.29	0.29
		SO ₂	<0.01	<0.01
		CO	0.06	0.06
E5	Annealing Furnace	PM ₁₀	0.014	0.014
		VOC	0.02	0.02
		NO _x	0.29	0.29
		SO ₂	<0.01	<0.01
		CO	0.06	0.06
P2	Inhibitor Tank	VOC (a)	4.00	4.10
P3	Solvent Tank	VOC (a)	6.63	6.90
P9/P10	Paint Dip Tank and Paint Drying Oven	VOC (b)	1.64	7.17
P20	TCW Solvent Tank	VOC (a)	4.67	4.67

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- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 - (a) mainly naphtha with 0.2 weight percent of tetrachloroethane (hazardous air pollutant)
 - (b) mainly xylene and ethyl benzene
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

* 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-alloy tubing.

Dated March 26, 2001