

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. T-17742

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)	Emission Rates *	
			lb/hr	TPY
1A	Metal Spray Booth Stack	PM ₁₀ (5)	0.000003	0.000014
1B	Metal Spray Booth Stack	PM ₁₀ (5)	0.000006	0.000028
1C	Metal Spray Booth Stack	PM ₁₀ (5)	0.000003	0.000014
1D	Metal Spray Booth Stack	PM ₁₀ (5)	0.000003	0.000014
4A	Paint Booth Stack	PM ₁₀ (6)	0.000045	0.0002
		VOC (7)	0.067	<0.30
4B	Paint Booth Stack	PM ₁₀ (8)	0.000037	0.00016
		VOC (9)	0.0043	<0.02
4F	Paint Booth Stack	PM ₁₀ (6)	0.000045	<0.0002
		VOC (7)	0.067	<0.30
FUG	Building Fugitives (4)	PM ₁₀ (8)	0.0006	0.0026
		VOC (7 and 9)	1.59	6.96

(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) PM₁₀ - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds

(4) Fugitive emissions are an estimate only.

- (5) PM₁₀ may contain chromium, nickel, aluminum, tungsten, copper, zirconium, yttria, molybdenum, titanium, iron, cobalt, and/or other compounds as reflected by the approved metal powder list.
- (6) PM₁₀ may consist of aluminum, chromium, strontium, phosphate, carbon, and/or titanium.

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- (7) VOC may contain cellosolve acetate, N-methylpyrrolidone, ethyl acetate, polytetrafluorethylene, and/or other compounds as reflected by the Material Safety Data Sheets for the approved paints.
- (8) PM₁₀ may contain aluminum, chromium, phosphates, and silicon.
- (9) VOC may contain cellosolve acetate.

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

Maximum Authorized Spray Rate

Metallizing Spray Guns: 6.48 Lbs\hr

Paint Spray Guns: 9.9 Lbs\hr

Authorized Operating Hours

Metal Spraying Operation: 24 Hrs/day 7 Days/week 52 Weeks/year
8,760 Hrs/yr

Paint Booth Operation: 24 Hrs/day 7 Days/week 52 Weeks/year
8,760 Hrs/yr

Dated_____