

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22308

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	Spray Booth No. 1		VOC (4)		29.69	2.22
				PM	0.09	0.02
2	Spray Booth No. 2		VOC		14.85	1.66
				PM	0.05	0.02
3	Spray Booth No. 2		VOC		14.85	1.66
				PM	0.05	0.02
4	Spray Booth No. 3		VOC		29.69	2.22
				PM	0.09	0.02
5	Spray Booth No. 4		VOC		14.85	1.66
				PM	0.05	0.02
6	Spray Booth No. 5		VOC		13.02	1.36
				PM	0.04	0.01
7	Metal Spray Washer		POC		0.09	0.03
				Phosphoric Acid	1.38	0.35
				Sodium Nitrate	1.38	0.35
				Sodium Chlorate	4.15	1.04
8 through 14, 21 through 23	Engine Test Cells No. 1 through No. 8		VOC (5)		4.94	0.76
				PM	4.41	0.67
				NOx	61.73	9.42
				CO	13.36	2.04
				SO2	4.10	0.62
15	Booth Heater No. 1		POC		0.32	1.19

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
16		Booth Heater No. 2	POC	0.32 1.19
17		Booth Heater No. 3	POC	0.32 1.19
18		Booth Heater No. 4	POC	0.32 1.19
19		Curing Oven Booth No. 4	POC	0.10 0.37
20		Curing Oven Booth No. 5	POC	0.10 0.37
F-1		Paint Fugitives	VOC PM	23.29 2.61 23.49 2.47
STG-1		POL Storage Tanks	VOC	45.33 0.04
SOL-1		Misc. Solvent Fugitives	VOC	3.28 6.41

- (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
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
POC - products of combustion including VOC, PM, NOx, SO2, and CO
POL - petroleum, oil and lubricant
- (4) Annual coating line emission rates are limited to the total of all five spray booths and the paint fugitives.
- (5) Emission rates reflect the maximum rate for any individual engine test cell and the maximum allowed annual POC emissions for all 8 test cells. Engine test cells #1 and #8 each have two emission points.

AIR CONTAMINANTS DATA

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 24 Days/week 6 Weeks/year 52 or Hrs/year 7,488