

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4112A

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 *				
			lbs/hr	TPY			
FCS02	Flow Coater for Stain	VOC	58.30	8.70			
FOT01	Flash Off Tunnel	VOC	2.70	0.40			
OV01	Oven	VOC	9.50	4.50			
		PM/PM <sub>10</sub>		0.01	0.03		
		POC			0.20		0.60
OV02	Oven	VOC	5.20	2.80			
		PM/PM <sub>10</sub>		0.01	0.03		
		POC			0.10		0.40
		TCE			0.30		0.70
SB01	Spray Booth	VOC	13.80	1.80			
		PM/PM <sub>10</sub>		0.01	0.01		
SB02	Spray Booth	VOC	18.60	9.30			
		PM/PM <sub>10</sub>		0.01	0.02		
SB03	Spray Booth	VOC	38.30	11.40			
		PM/PM <sub>10</sub>		0.10	0.20		
SB04	Spray Booth	VOC	22.80	19.00			
		PM/PM <sub>10</sub>		0.10	0.30		
		Ammonium Hydroxide			0.02		<0.01
FOT02	Flash Off Tunnel	VOC	1.20	1.10			
SB05	Spray Booth	VOC	24.20	9.50			
		PM/PM <sub>10</sub>		0.01	0.03		
		TCE			1.70		4.10
SB06	Spray Booth	VOC	3.90	10.80			
		PM/PM <sub>10</sub>		0.08	0.20		
		TCE			2.50		6.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *					
			lbs/hr	TPY				
SB07	Spray Booth	VOC	5.40	13.10				
		PM/PM <sub>10</sub>		0.10	0.30			
		TCE			4.50			10.90
FOT03	Flash Off Tunnel	VOC	0.50	0.90				
		TCE			1.00			2.40
DTE01	Dip Tank Exhaust	VOC	12.90	3.50				
LP01	Paint-by-Length	VOC	9.60	4.20				
BH01	Bag House	VOC	10.00	10.20				
		PM/PM <sub>10</sub>		0.60	1.40			
BH02	Bag House	VOC	9.80	9.90				
		PM/PM <sub>10</sub>		2.50	6.00			
PE01	Pump Room Exhaust	VOC	0.70	0.70				
PE02	Pump Room Exhaust	VOC	0.70	0.70				
PE03	Pump Room Exhaust	VOC	0.70	0.70				
PBL01E	Vacuum Coater Exhaust	VOC	0.10	0.10				
		PM/PM <sub>10</sub>	0.01	0.01				
PBL01W	Vacuum Coater Exhaust	VOC	0.20	0.30				
		PM/PM <sub>10</sub>	0.02	0.02				
POV01	Vacuum Coater Oven	VOC	6.60	8.10				
		Ammonia		0.01	0.01			
		PM/PM <sub>10</sub>		0.03	0.07			
		POC			0.40			1.10
PBL02E	Vacuum Coater Exhaust	VOC	0.10	0.30				
		PM/PM <sub>10</sub>	0.01	0.02				
PBL02W	Vacuum Coater Exhaust	VOC	0.20	0.10				
		PM/PM <sub>10</sub>	0.02	0.01				
POV02	Vacuum Coater Oven	VOC	6.60	6.90				
		PM/PM <sub>10</sub>		0.03	0.10			
		POC			0.40			1.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *					
			lbs/hr	TPY				
PBL03	Vacuum Coater Exhaust		VOC	0.35	0.40			
			PM/PM <sub>10</sub>	0.03	0.03			
POV03	Vacuum Coater Oven		VOC	6.63	6.92			
			PM/PM <sub>10</sub>		0.03	0.07		
			POC			0.42		1.11
PBL04	Vacuum Coater Exhaust		VOC	0.35	0.40			
			PM/PM <sub>10</sub>	0.04	0.03			
POV04	Vacuum Coater Oven		VOC	6.63	8.06			
			Ammonia		0.01	0.01		
			PM/PM <sub>10</sub>		0.03	0.07		
			POC			0.42		1.11
PBL05	Vacuum Coater Exhaust		VOC	0.35	0.40			
			PM/PM <sub>10</sub>	0.03	0.03			
POV05	Vacuum Coater Oven		VOC	6.63	8.06			
			Ammonia		0.01	0.01		
			PM/PM <sub>10</sub>		0.03	0.07		
			POC			0.42		1.11
RV01	Redi-Vap		VOC	0.04	0.04			
			PM/PM <sub>10</sub>		0.01	<0.01		
V01	Ventilator		VOC	<0.01	0.01			
F01	Storage Shed		VOC	0.01	0.03			

(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) VOC - volatile organic compounds as defined in General Rule 101.1

PM/PM<sub>10</sub> - particulate matter including particulate less than 10 microns in diameter

TCE - 1,1,1 - Trichloroethane

POC - products of natural gas combustion include the following:  
NO<sub>x</sub>, SO<sub>2</sub>, PM, CO

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter

CO - carbon monoxide

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

Hrs/day 24 Days/week 5.3 Weeks/year 50 or Hrs/year 6,400

Dated \_\_\_\_\_