

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9981

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		
01		Oxidizer Stack		VOC	72.78	229.67
01		Oxidizer Stack		NOx	6.67	29.21
01		Oxidizer Stack		SO2	0.04	0.18
01		Oxidizer Stack		CO	1.34	5.88
01		Oxidizer Stack		TSP	0.34	1.47
01		Oxidizer Stack		NMOC	0.36	1.56
02		Extruder 31/31 Fugitives		VOC	6.37	19.53
02		Laminator Clean up Solv		VOC	1.05	0.57
03		Extruder 31/32 Heat Vent		HOT AIR	<0.01	<0.01
04		Extruder 31/32 Heat Vent		HOT AIR	<0.01	<0.01
05		Photopolymer Still Upset		VOC	<0.01	<0.01
06		Wash Solvent Still Upset		VOC	<0.01	<0.01
07		Mop Sol. Tank 1, Comp A		VOC	0.02	0.07
08		Lam Sol. Tank 1, Comp B		VOC	0.02	0.08
09		Lam Sol. Tank 1, Comp C		VOC	0.02	0.08
10		IP Alcohol Tank 2, Comp A		VOC	0.02	0.09
11		IP Alcohol Tank 2, Comp B		VOC	0.02	0.09

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12	K-Solvent Tank 2, Comp C	VOC	0.02	0.09
13	K-Solvent Tank 3, Comp A	VOC	0.02	0.09

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Emission Point No.(1)	Source Name(2)	Air Contaminant Name(3)	<u>Emission Rates *</u>	
			lb/hr	TPY
14	K-Solvent Tank 3, Comp B	VOC	0.02	0.09
15	Heptane Tank 3, Comp C	VOC	0.03	0.12
16	Eth. Acet.Tank 4, Comp A	VOC	0.01	0.03
17	NP Alcohol Tank 4, Comp B	VOC	<0.01	0.01
18	NP Acetate Tank 4, Comp C	VOC	<0.01	0.02
19	But. Carb. Tank 4, Comp D	VOC	<0.01	0.01
20	NPA-ButlC. Tank 4, Comp E	VOC	<0.01	0.01
21	Ink/Solvent Waste Tank	VOC	0.02	0.09

(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. Listed materials may be moved between tank compartments if affected compartments are properly labeled with their contents.

(3) VOC - volatile organic compounds as defined in General Rule 101.1
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 CO - carbon monoxide
 TSP - total suspended particulate matter (including PM10)
 NMOC - non-methane organic compounds

(4) Until installation and operation of the facilities described in Special Conditions, VOC allowable emission rates shall not exceed levels previously allowed, or an aggregate total of 301.5 tons per year (119.5 tons per Permit No. 9981 as amended 3/30/93 and 182 tons grandfathered).

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

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Dated _____