

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1967B

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

<u>Emission Rates *</u>	Source	Air Contaminant		<u>Emission</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>		<u>lb/hr</u>
<u>TPY</u>				
2A	Dust Collector	PM	<0.01	<0.04
3	L-Dia. Elbow Oven	VOC	<0.01	<0.04
		PM	<0.01	<0.01
5	S-Dia. Pipe Machine (P5)	VOC	<0.01	<0.04
		PM	<0.01	<0.01
5A	S-Dia. Pipe Machine (P5)	VOC	0.03	0.13
		PM	<0.01	<0.01
		POC	0.16	<0.10
5B	S-Dia. Fitting Bond Oven	VOC	<0.01	<0.01
		PM	<0.01	<0.01
6	S-Dia. Pipe Machine (P6)	VOC	<0.01	0.04
		PM	<0.01	<0.01
6A	S-Dia. Pipe Machine (P6)	VOC	0.03	0.13
		PM	<0.01	<0.01
		POC	0.16	<0.10
7	S-Dia. Pipe Machine (P7)	VOC	<0.01	0.04
		PM	<0.01	<0.01
7A	S-Dia. Pipe Machine (P7)	VOC	0.03	0.13
		PM	<0.01	<0.01
		POC	0.16	<0.10

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7B	Prepreg Process	VOC	5.60	25.00
		CH ₂ CL ₂	12.30	54.00

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>
<u>TPY</u>			
8	S-Dia. Pipe Machine (P8)	VOC	<0.01
		PM	<0.01
8A	S-Dia. Pipe Machine (P8)	VOC	0.03
		PM	<0.01
		POC	0.16
9	Pipe Machine (P9)	VOC	0.04
		PM	<0.01
9A	Pipe Machine (P9)	VOC	0.03
		PM	<0.01
		POC	0.16
10	Pipe Machine (P10)	VOC	0.04
		PM	<0.01
10A	Pipe Machine (P10)	VOC	0.03
		PM	<0.01
		POC	0.16
11	Pipe Machine (P11)	VOC	0.04
		PM	<0.01
11A	Pipe Machine (P11)	VOC	0.03
		PM	<0.01
		POC	0.16
21	L-Dia. Pipe Machine (P21)	VOC	0.12
		CH ₂ CL ₂	0.36
21A	L-Dia. Pipe Machine (P21)	VOC	0.22

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		PM	<0.01	<0.01
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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
21B	L-Dia. Pipe Machine (P21)	VOC	0.22	0.23
		PM	<0.01	<0.01
21D	L-Dia. Pipe Machine (P21)	VOC	0.02	0.03
		PM	<0.01	<0.01
45E	L-Dia. Pipe Machine (P21)	VOC	0.02	0.03
		PM	<0.01	<0.01
21F	L-Dia. Pipe Machine (P21)	POC	<0.01	0.03
22	L-Dia. Pipe Machine (P22)	VOC	0.12	0.15
		CH ₂ CL ₂	0.36	1.58
22A	L-Dia. Pipe Machine (P22)	VOC	0.22	0.40
		PM	<0.01	<0.01
22B	L-Dia. Pipe Machine (P22)	VOC	0.22	0.16
		PM	<0.01	<0.01
22D	L-Dia. Pipe Machine (P22)	VOC	0.02	0.03
		PM	<0.01	<0.01
22C	L-Dia. Pipe Machine (P22)	POC	<0.01	0.03
22E	L-Dia. Pipe Machine (P22)	VOC	0.02	0.03
		PM	<0.01	<0.01
22H	Dust Collector	PM	0.05	0.07
31A	S-Dia. Pipe Finishing	VOC	0.035	0.15
		PM	<0.01	<0.01
31B	Baghouse	PM	0.02	0.08

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>		<u>lb/hr</u>
<u>TPY</u>				
32C	Baghouse	PM	<0.01	0.04
34A	P/L Winder	VOC	0.39	0.88
		PM	<0.01	<0.01
35A	L-Dia. Casting	VOC	<0.01	0.03
35B	L-Dia. Casting	VOC	<0.01	0.03
36A	S-Dia. Casting	VOC	0.07	0.30
		PM	0.04	0.16
37B	Baghouse	PM	0.04	0.17
41A	Walk-in Oven	VOC	<0.01	<0.01
45A	Specialty Fabrication	VOC	<0.01	0.04
		PM	<0.01	<0.01
45B	Baghouse	PM	<0.01	0.01
45C	Dust Collector	PM	<0.01	<0.01
45D	Hand Layup (Fugitive)	VOC	0.07	0.05
		PM	<0.01	<0.01
45F	Cure Oven	VOC	<0.01	<0.01
		PM	<0.01	<0.01
43A	Fittings Cure Oven	VOC	0.04	0.20
		PM	<0.01	0.03
60A	Fittings Cure Oven	VOC	<0.01	<0.01
		PM	<0.01	<0.01

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>		<u>lb/hr</u>
<u>TPY</u>				
60B	Gel Oven	VOC	<0.01	0.04
		PM	<0.01	<0.01
100A	Boiler	POC	0.03	0.13
100B	Boiler	POC	0.02	0.06
200A	Hot Water Heater	POC	0.04	0.03
200B	Hot Water Heater	POC	<0.01	0.03
200C	Hot Water Heater	POC	<0.01	0.03
P40	Fire Retardant Coating Line	VOC	0.30	0.36

(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

VOC - volatile organic compounds as defined in General Rule 101.1

POC - products of combustion: NO_x, SO₂, PM, CO, and VOC

CH₂CL₂ - dichloromethane

* 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 8,736

Dated _____