EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1967B

This table lists the maximum allowable emission rates for the sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
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	0.02	0.08
		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	0.03	0.13
		PM	<0.01	0.02
		Acid	<0.01	<0.01
6A	S-Dia. Pipe Machine (P6)	VOC	0.07	0.27
		PM	0.02	0.08
		Acid	<0.01	<0.01
7	S-Dia. Pipe Machine (P7)	VOC	0.03	0.13
		PM	<0.01	0.02
		Acid	<0.01	<0.01
7A	S-Dia. Pipe Machine (P7)	VOC	0.07	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
	0.27			
		PM	0.02	0.08
		Acid	<0.01	<0.01
7B	Prepreg Process	Acetone	5.60	25.00
		CH_2CL_2	12.30	54.00
8	S-Dia. Pipe Machine (P8)	VOC		0.03
	0.13			
		PM	<0.01	0.02
		Acid	<0.01	<0.01
8A	S-Dia. Pipe Machine (P8)	VOC		0.07
	0.27			
		PM	0.02	0.02
		Acid	<0.01	<0.01
9	S-Dia. Pipe Machine (P9)	VOC		0.03
	0.14			
		PM	0.03	0.09
		Acid	<0.01	<0.01
9A	S-Dia. Pipe Machine (P9)	VOC		0.06
	0.26			
		PM	0.02	0.07
		Acid	<0.01	<0.01
10	Pipe Machine (P10)	VOC	0.03	0.14
		PM	0.03	0.09
		Acid	<0.01	<0.01
10A	Pipe Machine (P10)	VOC	0.06	0.26
		PM	0.02	0.07
		Acid	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
11	Pipe Machine (P11)	VOC	0.03	0.14
		PM	0.03	0.09
		Acid	<0.01	<0.01
11A	Pipe Machine (P11)	VOC	0.06	0.26
		PM	0.02	0.07
		Acid	<0.01	<0.01
21	L-Dia. Pipe Machine (P21)	Acetone	0.17	0.72
		CH_2CL_2	0.36	1.58

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
21A	L-Dia. Pipe Machine (P21) 0.1	VOC		0.03
		PM	0.12	0.53
		Acid	<0.01	<0.01
21B	L-Dia. Pipe Machine (P21) 0.18	VOC		0.05
		PM	0.12	0.53
		Acid	<0.01	<0.01
21C	L-Dia. Pipe Machine (P21) 0.03	POC		<0.01
21D	L-Dia. Pipe Machine (P21) 0.04	VOC		0.01
		PM	0.01	0.04
		Acid	<0.01	<0.01
21E	L-Dia. Pipe Machine (P21) 0.04	VOC		0.01
		PM	0.01	0.04
		Acid	<0.01	<0.01
22	L-Dia. Pipe Machine (P22) 0.72	Acetone		0.17
		CH_2CL_2	0.36	1.58
22A	L-Dia. Pipe Machine (P22) 0.1	VOC		0.03
		PM	0.12	0.53
		Acid	<0.01	<0.01
22B	L-Dia. Pipe Machine (P22) 0.18	VOC		0.05
		PM	0.12	0.53
		Acid	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
22C	L-Dia. Pipe Machine (P22) 0.03	POC	<0.01	
22D	L-Dia. Pipe Machine (P22) 0.04	VOC	0.01	
		PM	0.01	0.04
		Acid	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
22E	L-Dia. Pipe Machine (P22) 0.04	VOC		0.01
		PM	0.01	0.04
		Acid	<0.01	<0.01
21F	L-Dia. Pipe Machine (P21) 0.03	POC		<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
32C	Baghouse	PM	<0.01	0.04
34A	P34 Winder	VOC	0.09	0.4
		PM	0.1	0.4
		Acid	<0.01	<0.01
35A	P3 L-Dia. Casting	VOC	0.02	0.07
		PM	<0.01	0.01
		Acid	<0.01	<0.01
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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
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
45E	L-Dia. Pipe Machine (P21)	VOC	0.02	0.03
		PM	<0.01	<0.01
45F	Cure Oven	VOC	<0.01	<0.01
		PM	<0.01	<0.01
43A	P43 Black Epoxy Fitting	VOC	0.05	0.20
	And Baghouse	PM	<0.02	0.06
		Acid	<0.01	<0.01
60A	Fittings Cure Oven	VOC	<0.01	<0.01
		PM	<0.01	<0.01
60B	Gel Oven	VOC	<0.01	0.04
		PM	<0.01	<0.01
70A	Multi-Mandrel Winder	VOC	0.63	2.77
		Acid	0.002	0.01
		PM	0.17	0.75
70B	Multi-Mandrel Floor Exhaust	VOC	0.39	1.7
		PM	<0.001	<0.01
70D	Hot Oil Heater	NO_X	0.05	0.22
		SO_2	<0.01	<0.01
		CO	0.042	0.18

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
		VOC	0.01	0.03
		PM	0.004	0.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
70F	Multi-Mandrel Oven	VOC	0.012	0.06
		Acid	<0.001	<0.01
		PM	0.022	0.09
		NO_X	0.04	0.17
		SO_2	<0.001	<0.01
		CO	0.033	0.14
71A	L/D Winder	VOC	0.053	0.23
		PM	<0.001	<0.01
71B	L/D Cure Oven	VOC	0.053	0.23
		PM	<0.001	<0.01
2/71C	Fittings Oven and L/D Heater 0.05	VOC		0.01
		Acid	<0.01	<0.01
		PM	0.001	0.01
		NO_X	0.02	0.07
		SO_2	<0.01	0.01
		CO	0.01	0.03
71D	L/D Cure Oven	VOC	0.072	0.32
		Acid	<0.001	<0.01
		PM	0.053	0.23
		NO_X	0.35	1.53
		SO_2	0.003	0.01
		CO	0.3	1.29
72A	Post-Cure Oven No. 1	VOC	0.27	1.17
		Acid	<0.01	0.01
72B	Post-Cure Oven No. 2	VOC	0.27	1.17
		Acid	<0.01	0.01
72C	Post-Cure Oven No. 1	NO_X	0.08	0.33
		SO_2	<0.01	<0.01
		CO	0.07	0.28
		VOC	0.01	0.04

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
72D	Post-Cure Oven No. 2	PM	0.01	0.03
		NO_X	0.08	0.33
		SO_2	<0.01	<0.01
		CO	0.07	0.28
		VOC	0.01	0.04
		PM	0.01	0.03
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 1.54	VOC		0.35

(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, suspended in the atmosphere, including PM_{10} (may include overspray from surface coating).

PM_{10} - particulate matter equal to or less than 10 microns in diameter (may include overspray from surface coating). Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in General Rule 101.1

POC - products of combustion: nitrogen oxides, sulfur dioxide, PM, carbon monoxide, and VOC

SO_2 - sulfur dioxide

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY

CO - carbon monoxide
NO_X - nitrogen oxides
CH_2CL_2 - dichloromethane

Dated _____