EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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	Emission Rates 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	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

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AIR CONTAMINANTS DATA

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

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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)	VOC	0.03	0.1
		PM	0.12	0.53
		Acid	<0.01	<0.01
21B	L-Dia. Pipe Machine (P21)	VOC	0.05	0.18
		PM	0.12	0.53
		Acid	<0.01	<0.01
21C	L-Dia. Pipe Machine (P21)	POC	<0.01	0.03
21D	L-Dia. Pipe Machine (P21)	VOC	0.01	0.04
		PM	0.01	0.04
		Acid	<0.01	<0.01
21E	L-Dia. Pipe Machine (P21)	VOC	0.01	0.04
		PM	0.01	0.04
		Acid	<0.01	<0.01
22	L-Dia. Pipe Machine (P22)	Acetone	0.17	0.72
		CH_2CL_2	0.36	1.58
22A	L-Dia. Pipe Machine (P22)	VOC	0.03	0.1
		PM	0.12	0.53
		Acid	<0.01	<0.01
22B	L-Dia. Pipe Machine (P22)	VOC	0.05	0.18
		PM	0.12	0.53
		Acid	<0.01	<0.01
22C	L-Dia. Pipe Machine (P22)	POC	<0.01	0.03
22D	L-Dia. Pipe Machine (P22)	VOC	0.01	0.04
		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)	VOC	0.01	0.04
		PM	0.01	0.04
		Acid	<0.01	<0.01
21F	L-Dia. Pipe Machine (P21)	POC	<0.01	0.03
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
45B	Baghouse	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
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 and Baghouse	VOC	0.05	0.20
		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
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	VOC	0.01	0.05
		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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
		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
		PM	0.01	0.03
72D	Post-Cure Oven No. 2	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	VOC	0.35	1.54
130A	Winding & Liners routed to RTO & Make-up Unit	VOC	1.24	5.50
		PM_{10}	0.02	0.08
		VOC(4)	0.882	3.87

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
		PM_{10}(4)	0.067	0.294
		CO 16.04	70.25	
		SO_2 0.01	0.023	
		NO_x 0.882	3.86	

(1) Emission point identification - emission point number from plot plan.
(2) Specific point 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).
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1
POC - products of combustion: NO_x, SO_2, PM, CO, and VOC
SO_2 - sulfur dioxide
CO - carbon monoxide
NO_x - nitrogen oxides
CH_2CL_2 - dichloromethane
(4) Combustion emissions only.

Dated _____