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 (5)
7	Small Diameter Pipe Machine (P7)	VOC	0.03	0.13
		PM	<0.01	0.02
		Acid	<0.01	<0.01
7A	Small Diameter Pipe Machine (P7)	VOC	0.07	0.27
		PM	0.02	0.08
		Acid	<0.01	<0.01
7B	Prepreg Process (P38)	Acetone	5.60	25.00
		Methylene chloride	12.30	54.00
8	Small Diameter Pipe Machine (P8)	VOC	0.03	0.13
		PM	<0.01	0.02
		Acid	<0.01	<0.01
8A	Small Diameter Pipe Machine (P8)	VOC	0.07	0.27
		PM	0.02	0.02
		Acid	<0.01	<0.01
9	Small Diameter Pipe Machine (P9)	VOC	0.03	0.14
		PM	0.03	0.09
		Acid	<0.01	<0.01
9A	Small Diameter 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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY (5)
		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
21A	Large Diameter Pipe Machine (P21)	VOC	0.03	0.10
		PM	0.12	0.53
		Acid	<0.01	<0.01
21B	Large Diameter Pipe Machine (P21)	VOC	0.05	0.18
		PM	0.12	0.53
		Acid	<0.01	<0.01
21D	Bell and Collar Winder (P21)	VOC	0.01	0.04
		PM	0.01	0.04
		Acid	<0.01	<0.01
22A	Large Diameter Pipe Machine (P22)	VOC	0.03	0.10
		PM	0.12	0.53
		Acid	<0.01	<0.01
22B	Large Diameter Pipe Machine (P22)	VOC	0.05	0.18
		PM	0.12	0.53
		Acid	<0.01	<0.01
22D	Bell and Collar Winder (P22)	VOC	0.01	0.04
		PM	0.01	0.04
		Acid	<0.01	<0.01
21F	Large Diameter Pipe Machine (P21)	NO_x	<0.01	0.02
		SO_2	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY (5)
		CO	<0.01	<0.01
		VOC	<0.01	<0.01
		PM_{10}	<0.01	<0.01
22H	Baghouse (C3)	PM	0.05	0.07
31A	Post Cure Oven Collar Bond (P31)	VOC	0.04	0.15
		NO_x	0.20	0.86
		SO_2	<0.01	<0.01
		CO	0.17	0.72
		VOC (4)	0.01	0.05
		PM_{10}	0.02	0.07
31B	Baghouse (C1)	PM	0.02	0.08
34A	Winder (P34)	VOC	0.09	0.40
		PM	0.1	0.40
		Acid	<0.01	<0.01
35A	Large Diameter Casting (P34)	VOC	0.02	0.07
		PM	<0.01	0.01
		Acid	<0.01	<0.01
35B	Large Diameter Casting (P36)	VOC	<0.01	0.03
36A	Small Diameter Casting (P36)	VOC	0.07	0.30
		PM	0.04	0.16
37B	Baghouse (C2)	PM	0.04	0.17
41A	Walk-In Oven 44A (P40)	VOC	<0.01	<0.01
		NO_x	0.03	0.11
		SO_2	<0.01	<0.01
		CO	0.02	0.09
		VOC (4)	<0.01	<0.01
		PM_{10}	<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	(5)
45A	Hand Layup Oven 71D (P45)	VOC	<0.01	0.04	
		NO_x	0.39	1.72	
		SO_2	<0.01	<0.01	
		CO	0.33	1.44	
		VOC (4)	0.02	0.09	
		PM	0.03	0.13	
45B	Cut-off Saw Dust Collector (C5)	PM	<0.01	<0.01	
45C	Booth (P45)	PM	<0.01	<0.01	
45D	Hand Layup (Fugitive)	VOC	0.07	0.05	
		PM	<0.01	<0.01	
45F	Large Diameter Cure Oven 71B (P71)	VOC	<0.01	<0.01	
		PM	<0.01	<0.01	
		NO_x	0.39	1.71	
		SO_2	<0.01	<0.01	
		CO	0.33	1.44	
		VOC (4)	0.02	0.09	
		PM_{10} (4)	0.03	0.13	
43A	Fittings Cure Oven and Baghouse (P71)	VOC	0.05	0.20	
		PM	0.02	0.06	
		Acid	<0.01	<0.01	
		NO_x	0.03	0.13	
		SO_2	<0.01	<0.01	
		CO	0.03	0.11	
		VOC (4)	<0.01	<0.01	
		PM_{10} (4)	<0.01	0.01	
71A	Large Diameter Winder (P71)	VOC	0.06	0.23	
		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 (5)
2/71C	Elbow Winder (P71), Fittings Oven, and L/D Heater <0.01	VOC	0.01	0.05
		Acid		<0.01
		PM	<0.01	0.01
		NO_x	0.02	0.07
		SO_2	<0.01	0.01
		CO	0.01	0.03
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_{10}	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_{10}	0.01	0.03
100A	Boiler	NO_x	0.02	0.08
		SO_2	<0.01	<0.01
		CO	0.02	0.07
		VOC	<0.01	<0.01
		PM_{10}	<0.01	<0.01
100B	Boiler	NO_x	0.01	0.04
		SO_2	<0.01	<0.01
		CO	<0.01	0.03
		VOC	<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 (5)
		PM_{10}	<0.01	<0.01
200A	Boiler	NO_x	<0.01	0.03
		SO_2	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	<0.01	<0.01
		PM_{10}	<0.01	<0.01
200B	Boiler	NO_x	<0.01	0.03
		SO_2	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	<0.01	<0.01
		PM_{10}	<0.01	<0.01
200C	Water Heater	NO_x	<0.01	<0.01
		SO_2	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	<0.01	<0.01
		PM_{10}	<0.01	<0.01
300	Bayco Heat Cleaning Oven	NO_x	<0.01	0.01
		SO_2	<0.01	<0.01
		CO	<0.01	<0.01
		VOC	<0.01	<0.01
		PM_{10}	<0.01	<0.01
130A	Winding and Liners (70G/H) (including sand-fabric carrier) routed to RTO and Make-Up Unit	VOC	1.24	5.50
		PM_{10}	0.02	0.08
		VOC (4)	0.88	3.87
		PM_{10} (4)	0.07	0.29
	CO	16.04	70.25	
	SO_2	0.01	0.02	
	NO_x	0.88	3.86	

(1) Emission point identification - emission point number from plot plan.
(2) Specific point source name.

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 (5)

(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 § 101.1
SO_2 - sulfur dioxide
CO - carbon monoxide
NO_x - nitrogen oxides
(4) Combustion emissions only.
(5) Rate is for a rolling 12-consecutive months.

Dated January 28, 2005