

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 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, sources, and related activities. 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 Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
7B	P38 Prepreg Process	VOC	0.18	1.77
		Exempt Solvent	13.78	29.51
21	P21 Large Pipe Machine	Exempt Solvent	1.79	7.90
22	P22 Large Diameter Pipe Machine	Exempt Solvent	1.79	7.90
21H	C4 Baghouse	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
22H	C3 Baghouse	PM	0.03	0.07
		PM <sub>10</sub>	0.03	0.07
		PM <sub>2.5</sub>	0.03	0.07
31A	P31 Post Cure Oven Collar Bond	VOC	0.18	0.22
		Exempt Solvent	0.18	0.80
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		NO <sub>x</sub>	<0.01	<0.01
		CO	<0.01	<0.01
		SO <sup>2</sup>	<0.01	<0.01
31B	C1 Baghouse	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	0.02

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37B	C2 Baghouse	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
45A	P45 Hand Layup Electric Oven 71D	VOC	<0.01	0.02
45B	C5 Cut-Off Saw Dust Collector	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
45D	Hand Layup (Fugitive)	VOC	0.25	0.27
		Exempt Solvent	0.18	0.80
45E	C6 Baghouse	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	0.02
MIX	Mix Room	Exempt Solvent	0.18	0.80

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: January 12, 2016