

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18694

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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
1**	Thermal Oxidizer Stack	PM <sub>10</sub>	0.92	4.03
		VOC	0.18	0.81
		NO <sub>x</sub>	4.77	20.89
		SO <sub>2</sub>	0.02	0.04
		CO	14.93	64.38
		CH <sub>2</sub> O	1.76	7.71
4	Resin Storage Tank Vent	CH <sub>2</sub> O	0.03	0.01
5	Resin Storage Tank Vent	CH <sub>2</sub> O	0.03	0.01
6	Resin Storage Tank Vent	CH <sub>2</sub> O	0.03	0.01
7	Resin Storage Tank Vent	CH <sub>2</sub> O	0.03	0.01
8	Building Vents (4)	PM	0.09	0.39
		PM <sub>10</sub>	0.09	0.39
		CH <sub>2</sub> O	0.17	0.76
9	Edge Trim Baler Vent	PM	0.96	4.20
		PM <sub>10</sub>	0.96	4.20
10	Central Vacuum Baghouse	PM <sub>10</sub>	0.05	0.22
11	Control Box/Overflow Box Stack	CH <sub>2</sub> O	0.16	0.70

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- (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<sub>10</sub>).

PM<sub>10</sub> - particulate matter less than or equal to 10 microns in diameter. 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.  
(Does not include formaldehyde for this facility)

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

CH<sub>2</sub>O - formaldehyde

- (4) Fugitive emissions are an estimate only.

\*\* This EPN includes the dryers and thermal oxidizer emissions.

\* Emission rates are based on and the facilities are limited by a maximum glass mat production rate (identified in the confidential file) while complying with the following operating schedule:

Hrs/day\_\_\_\_\_ Days/week\_\_\_\_\_ Weeks/year\_\_\_\_\_ or Hrs/year 8,760

Dated\_\_\_\_\_