

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17434

This table lists the maximum allowable emission rates and sources 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 sources.

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
FUG 1 (4)	Resin Mixing	VOC (Styrene)	0.18	0.52
	Cleanup	Acetone	6.85	16.0
	Dust Collectors for Indoor Cutting/Fitting Trimming/Sanding/ Grinding Operations	PM <sub>10</sub>	<0.02	0.06
	Curing Fugitive	VOC (Styrene)	0.18	0.52
FUG-2A	Baghouse/Trimming	PM <sub>10</sub>	<0.03	0.13
FUG-2B	Baghouse/Finishing	PM <sub>10</sub>	<0.03	<0.13
FUG-3	Dust Collectors for Outdoor Cutting/Fitting Trimming/Sanding/ Grinding Operations	PM <sub>10</sub>	0.4	0.88
DC-1	Baghouse/Fitting Area	PM <sub>10</sub>	0.17	0.74
DC-2	Baghouse/Fitting Area	PM <sub>10</sub>	0.17	0.74
DC-3	Baghouse/Sand Silo	PM <sub>10</sub>	0.17	0.74
E-1	Primary Generator	PM <sub>10</sub>	1.1	0.18
		SO <sub>2</sub>	1.03	0.16
		NO <sub>x</sub>	15.42	2.47
		CO	3.34	0.53

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Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
		VOC	1.26	0.2
E-2	Secondary Generator	PM <sub>10</sub>	0.22	0.01
		SO <sub>2</sub>	0.21	0.01
		NO <sub>x</sub>	3.08	0.08
		CO	0.67	0.02
		VOC	0.25	0.01
H1	Heater	PM <sub>10</sub>	0.01	0.03
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	<0.09	0.26
		CO	0.02	0.05
		VOC	0.01	0.02
S1	Curing Stack			
	Manufacturing	VOC (Styrene)	3.43	9.91
	Eight Tanks (5)	VOC (Styrene)	0.72	0.32

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name or facility.

(3) VOC - volatile organic compounds as defined in General Rule

101.1

PM<sub>10</sub> - particulate matter with diameter less than 10 microns

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

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

CO - carbon monoxide

(4) These emissions are released through five doors. The curing emissions represent 5 percent of the total emissions from the curing process.

(5) Hourly tank emissions listed are for each individual tank since only one tank is loaded at a time. The total

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>

annual tank emission rate for all tanks combined is 0.32 tons per year.

Dated \_\_\_\_\_