

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9331

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 *	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>
<b><u>PHASE 1</u></b>				
WD-1	Dryer	VOC	0.01	0.03
		NO <sub>x</sub>	0.38	1.53
		PM	0.02	0.09
		CO	0.04	0.15
WD-2	Dryer	VOC	0.01	0.03
		NO <sub>x</sub>	0.38	1.53
		PM	0.02	0.09
		CO	0.04	0.15
CO-1, CO-2, CO-3	Coater Ovens (emissions are per oven)	VOC	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.33
		PM	<0.01	0.02
		CO	<0.01	0.03
OVO-1, OVO-2, OVO-3	Over Varnish Ovens (emissions are per oven)	VOC	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.33
		PM	<0.01	0.02
		CO	<0.01	0.03
IBO-1, IBO-2	Inside Bake Ovens (emissions are per oven)	VOC	<0.01	0.02
		NO <sub>x</sub>	0.25	1.0
		PM	0.01	0.06
		CO	0.02	0.1
B-1	Boiler	VOC	<0.01	0.03
		NO <sub>x</sub>	0.42	1.66
		PM	0.02	0.09

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		CO	0.04	0.16
F-1	Three Can Manufacturing Lines (4)	VOC	55.61	243.6

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
<b><u>PHASE 2</u></b>				
I-1	Thermal Oxidizer	VOC	5.53	22.48
		NO <sub>x</sub>	3.17	13.32
		SO <sub>x</sub>	0.03	0.1
		CO	0.67	2.82
		PM	0.39	1.6
EB-1	Effluent Boiler	VOC	0.02	0.09
		NO <sub>x</sub>	0.5	2.1
		SO <sub>x</sub>	<0.01	0.02
		CO	0.11	0.45
		PM	0.06	0.26
D-1,D-2,D-3	Dryer Exhausts from Washers 1, 2, and 3 (emissions are per dryer)	VOC	0.25	0.16
		NO <sub>x</sub>	0.65	2.73
		SO <sub>x</sub>	<0.01	0.02
		CO	0.14	0.58
		PM	0.08	0.33
WB-1	Washer Boiler	VOC	0.03	0.11
		NO <sub>x</sub>	0.65	2.73
		SO <sub>x</sub>	<0.01	0.02
		CO	0.14	0.58
		PM	0.08	0.33
F-1	Three Can Manufacturing Lines (4)	VOC	36.02	168.1

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

(2) Specific point source name.

(3) PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

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

SO<sub>x</sub> - sulfur oxides

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 50 Weeks/year or 8,400 Hrs/year

Dated \_\_\_\_\_